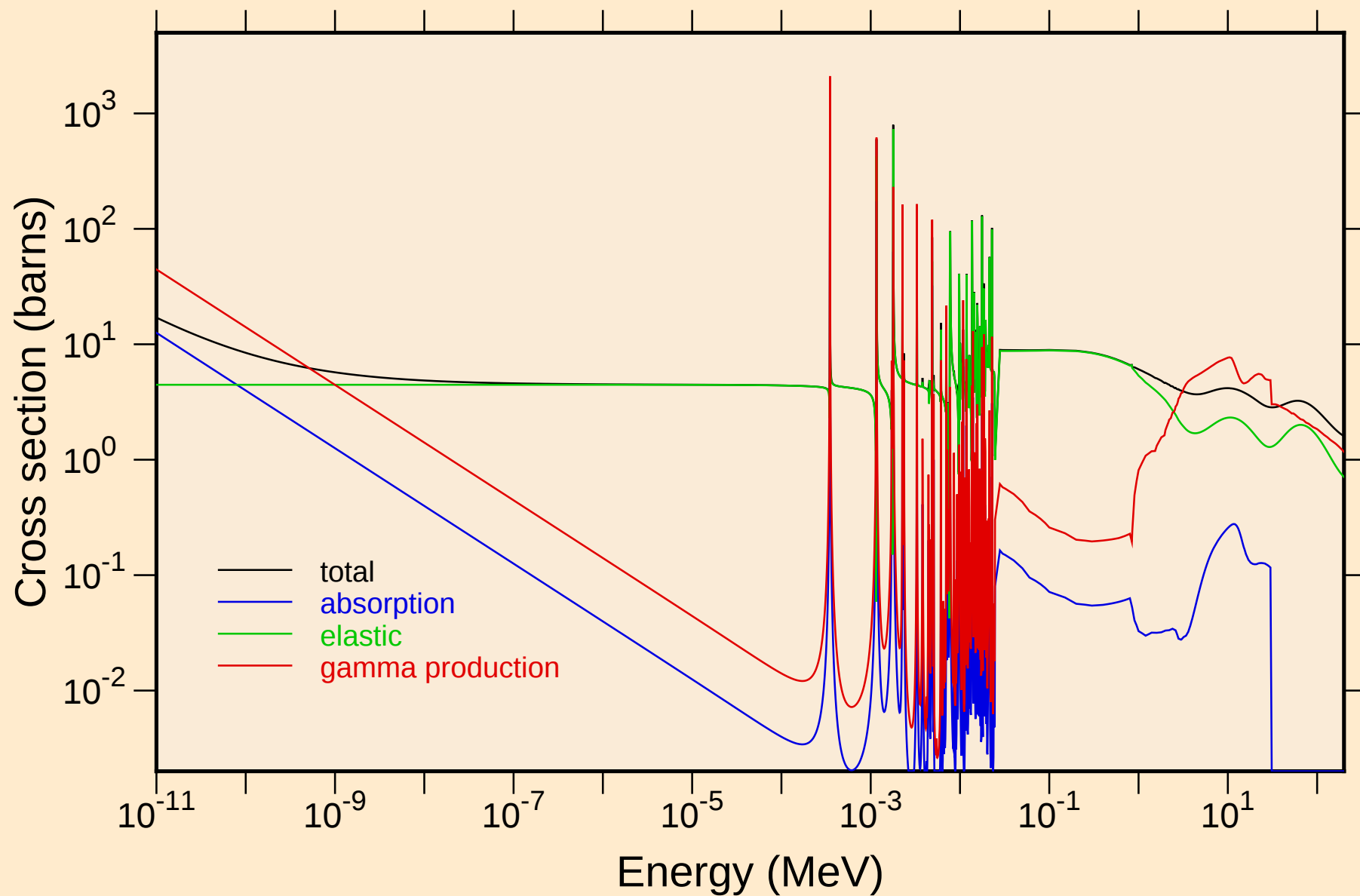
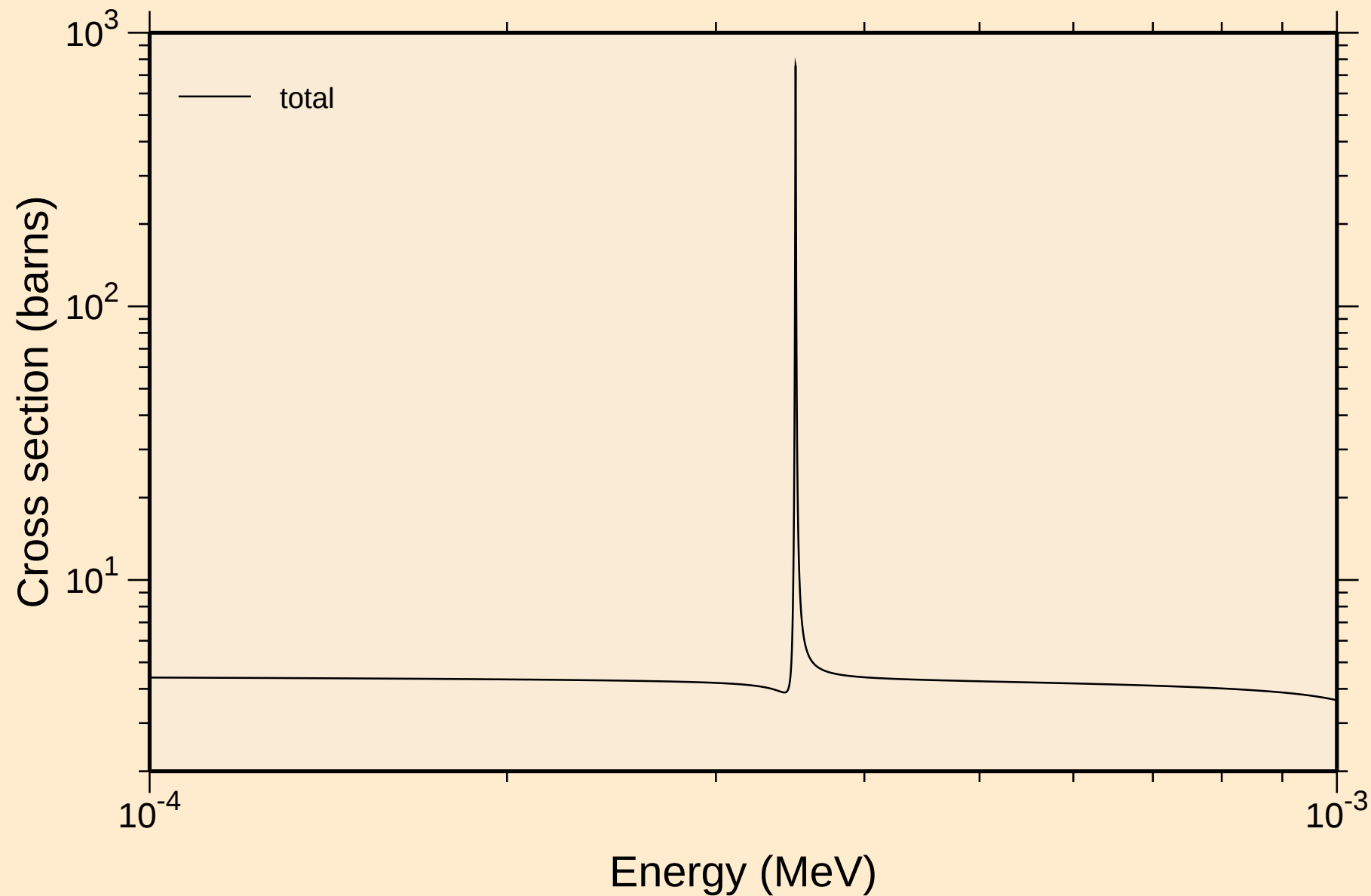


# RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

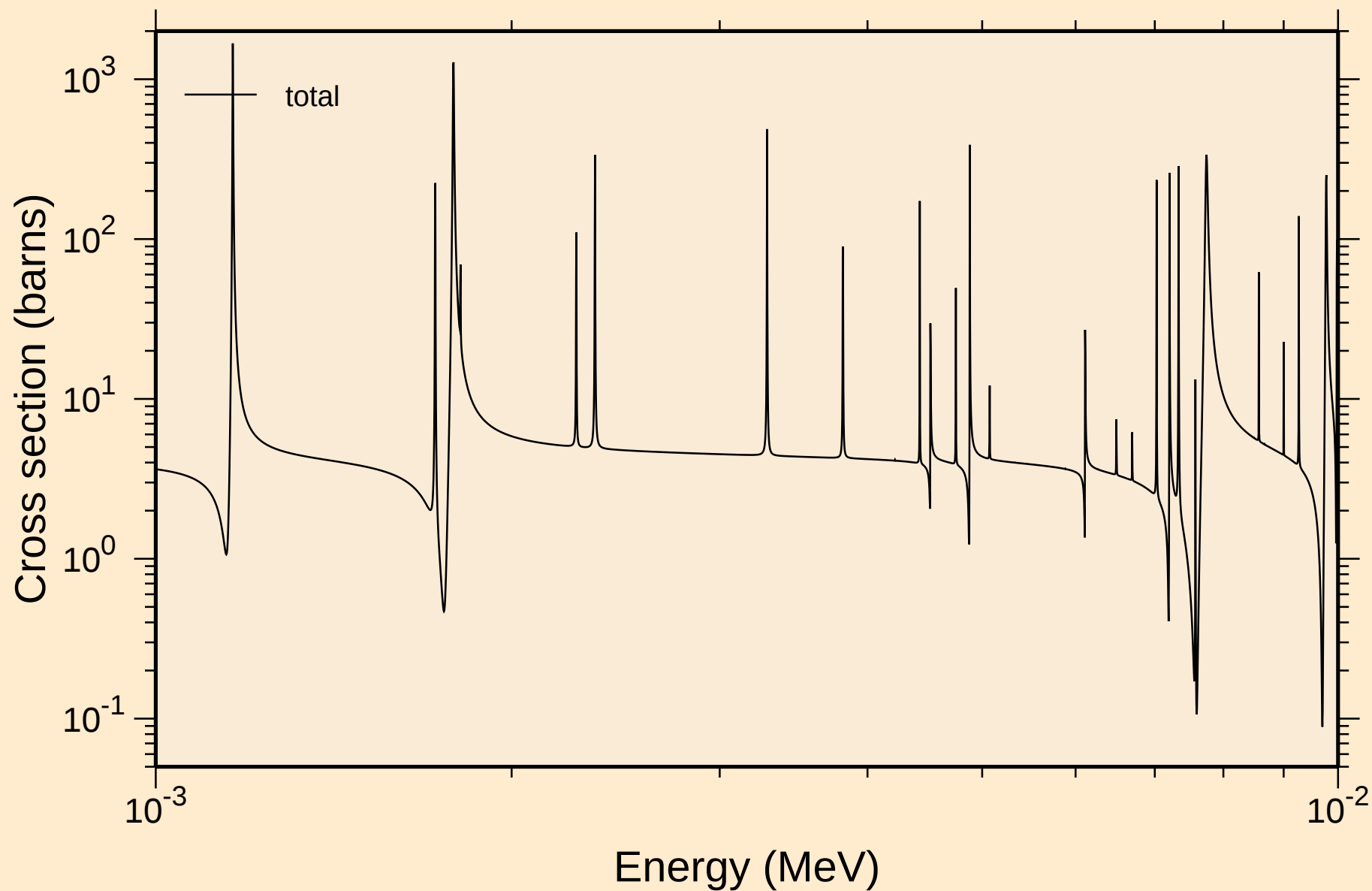
## Principal cross sections



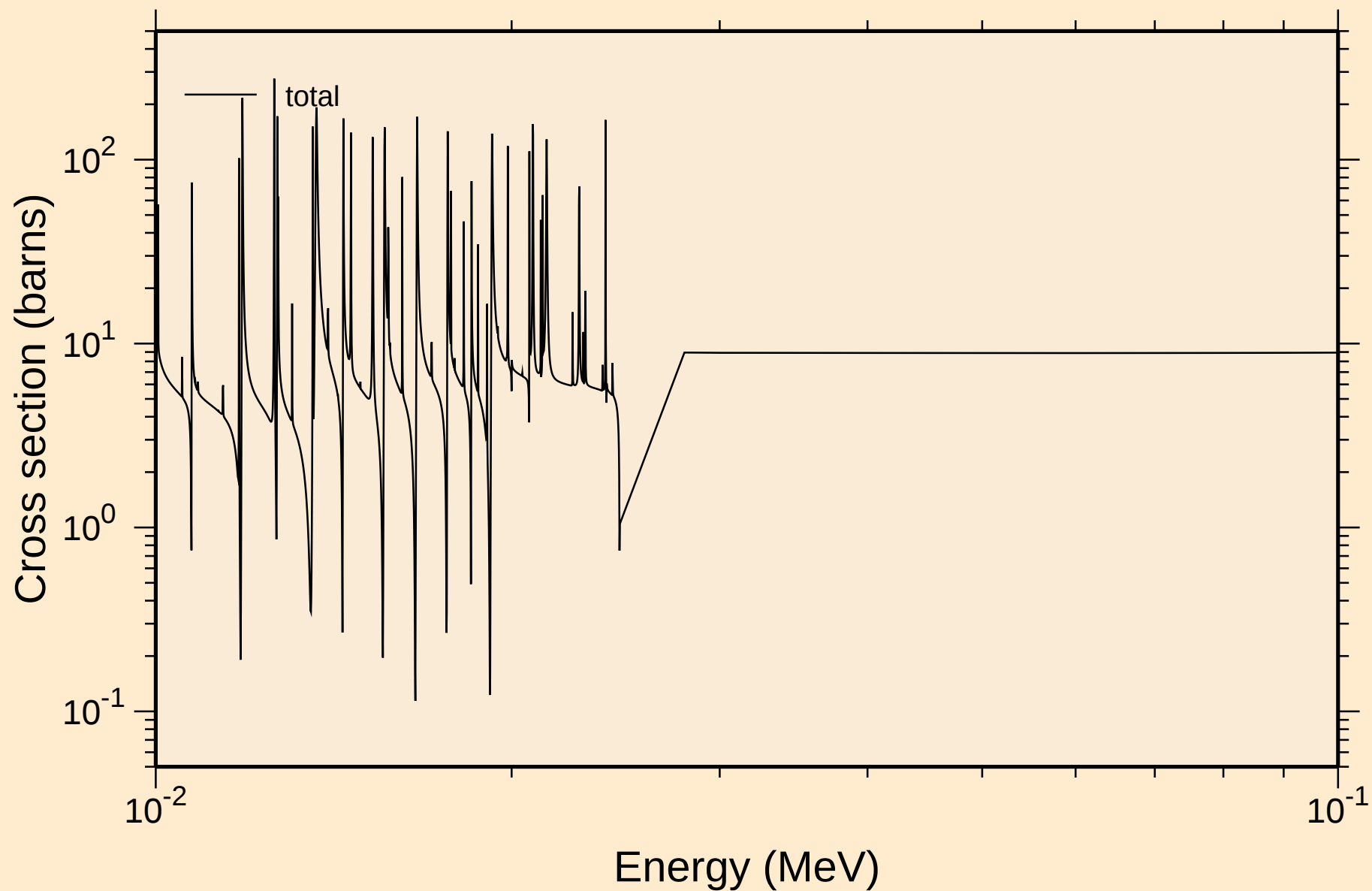
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



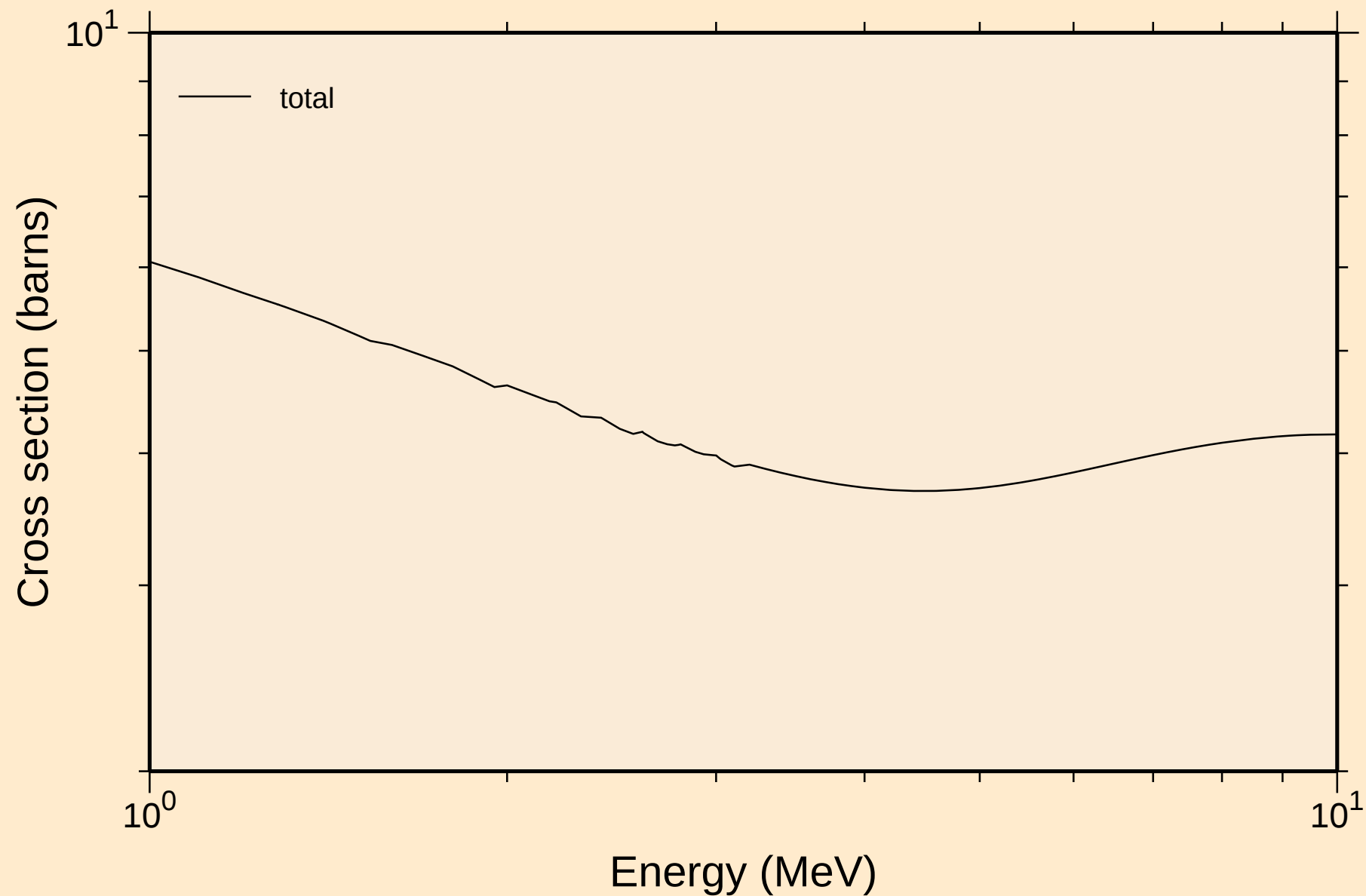
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



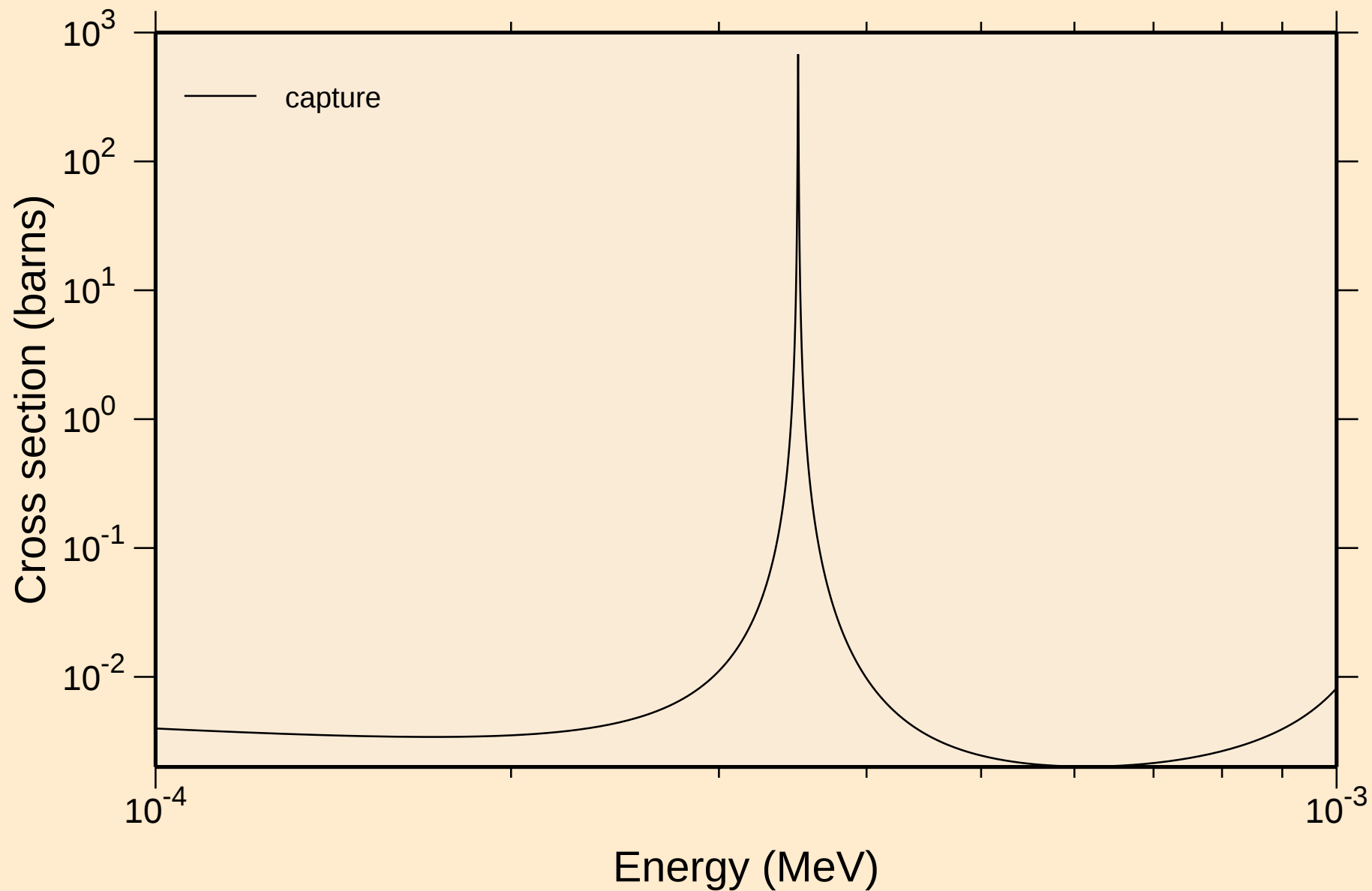
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



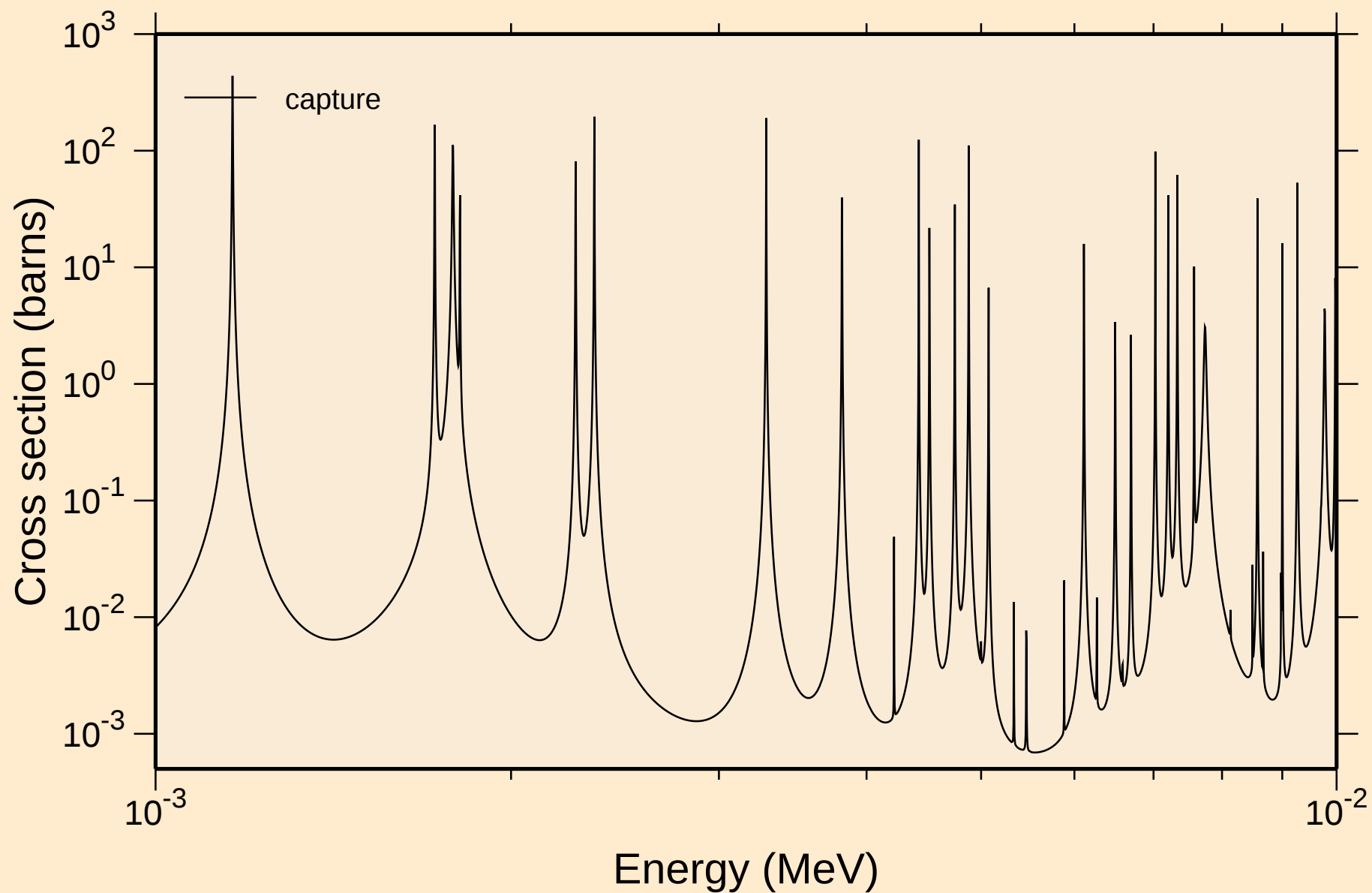
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



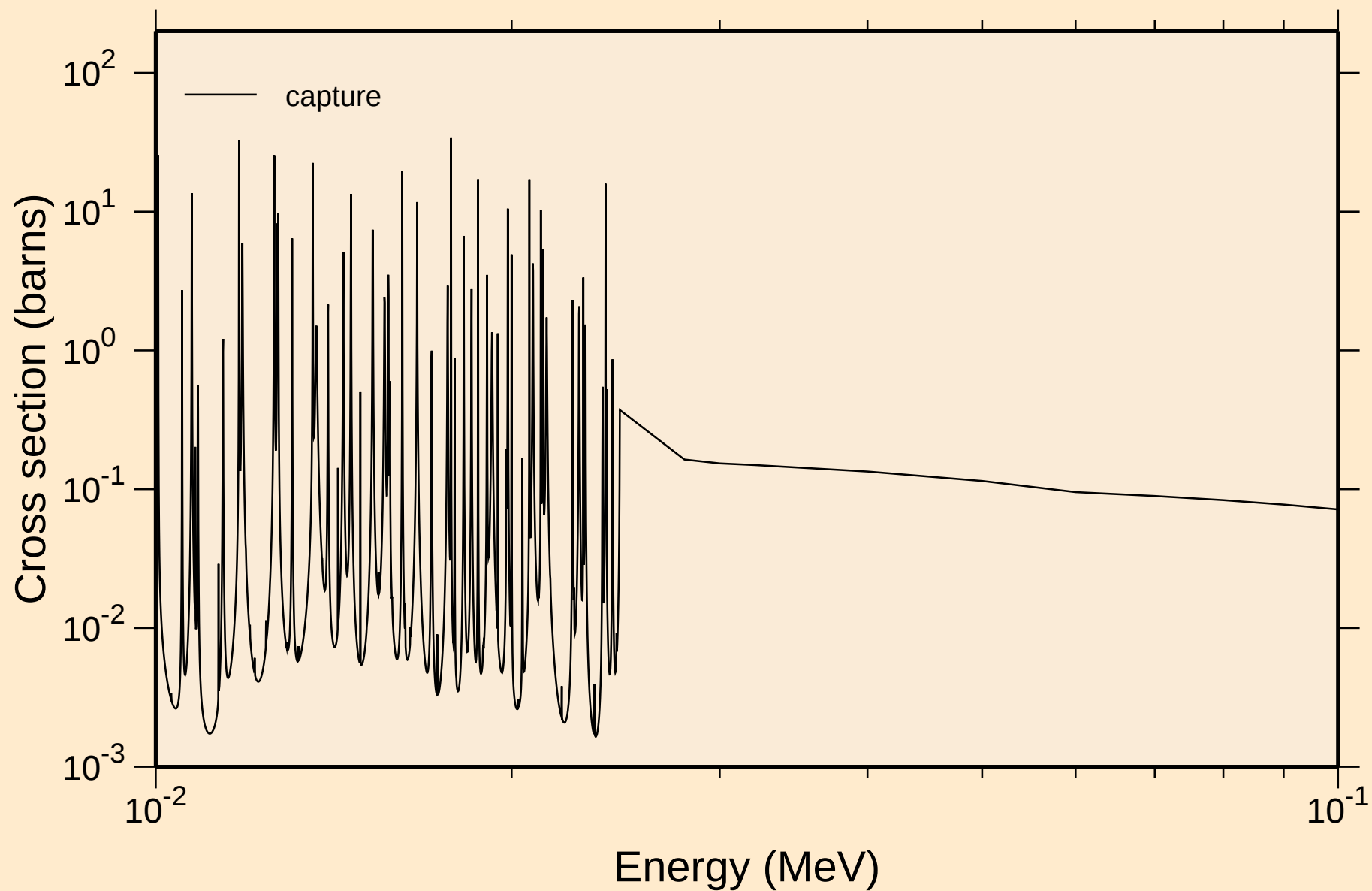
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



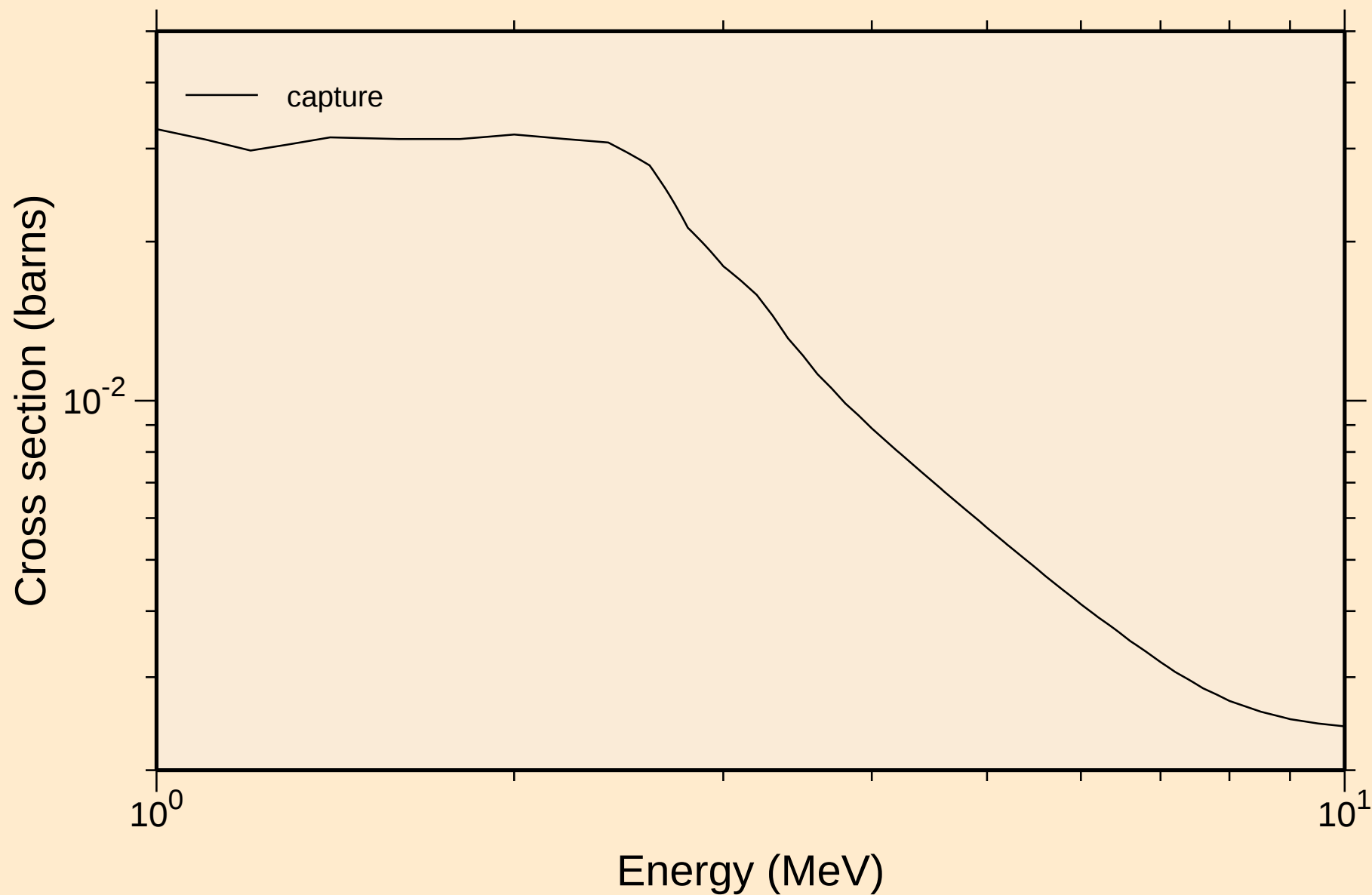
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

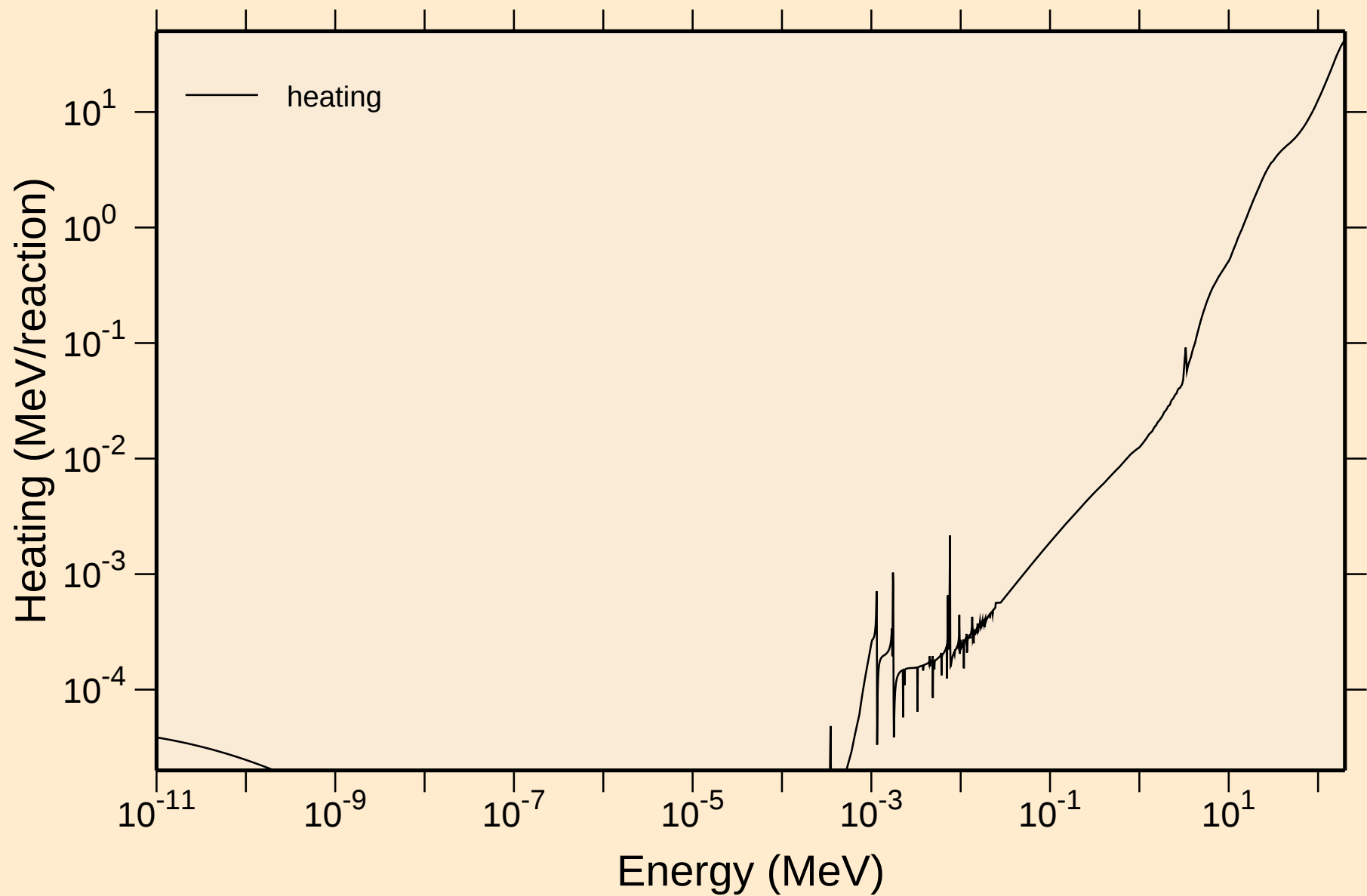


RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



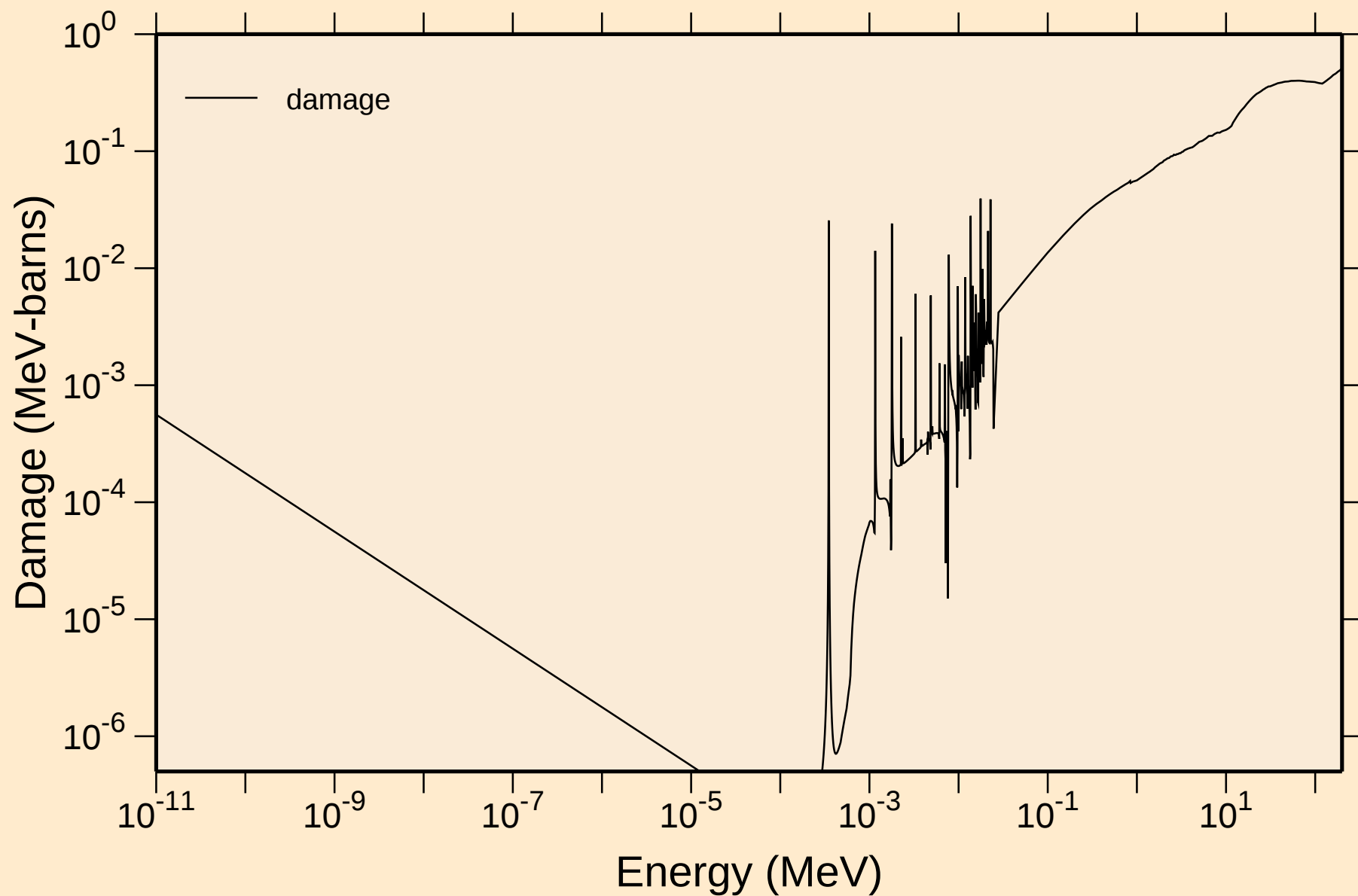
# RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

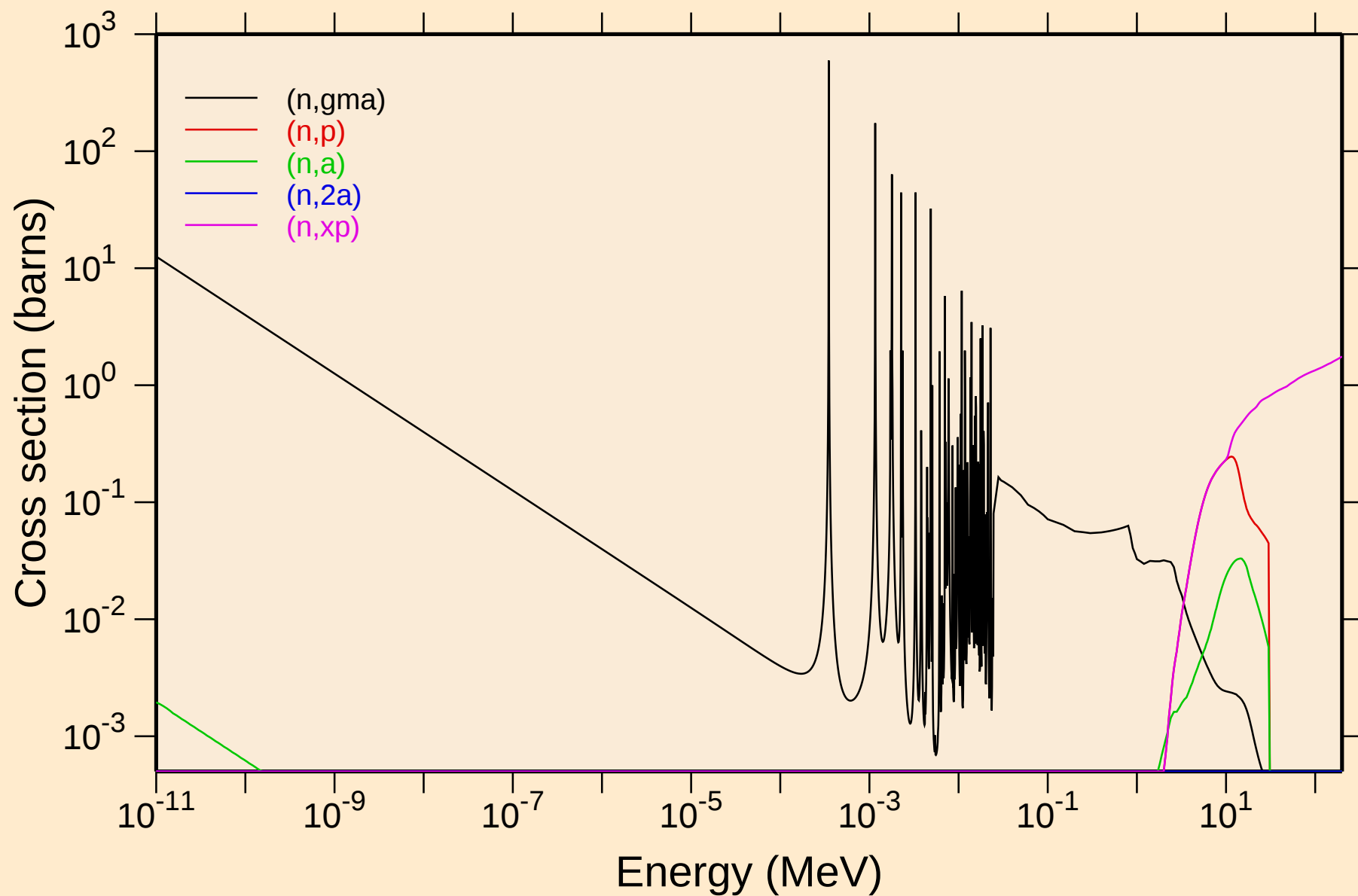


# RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

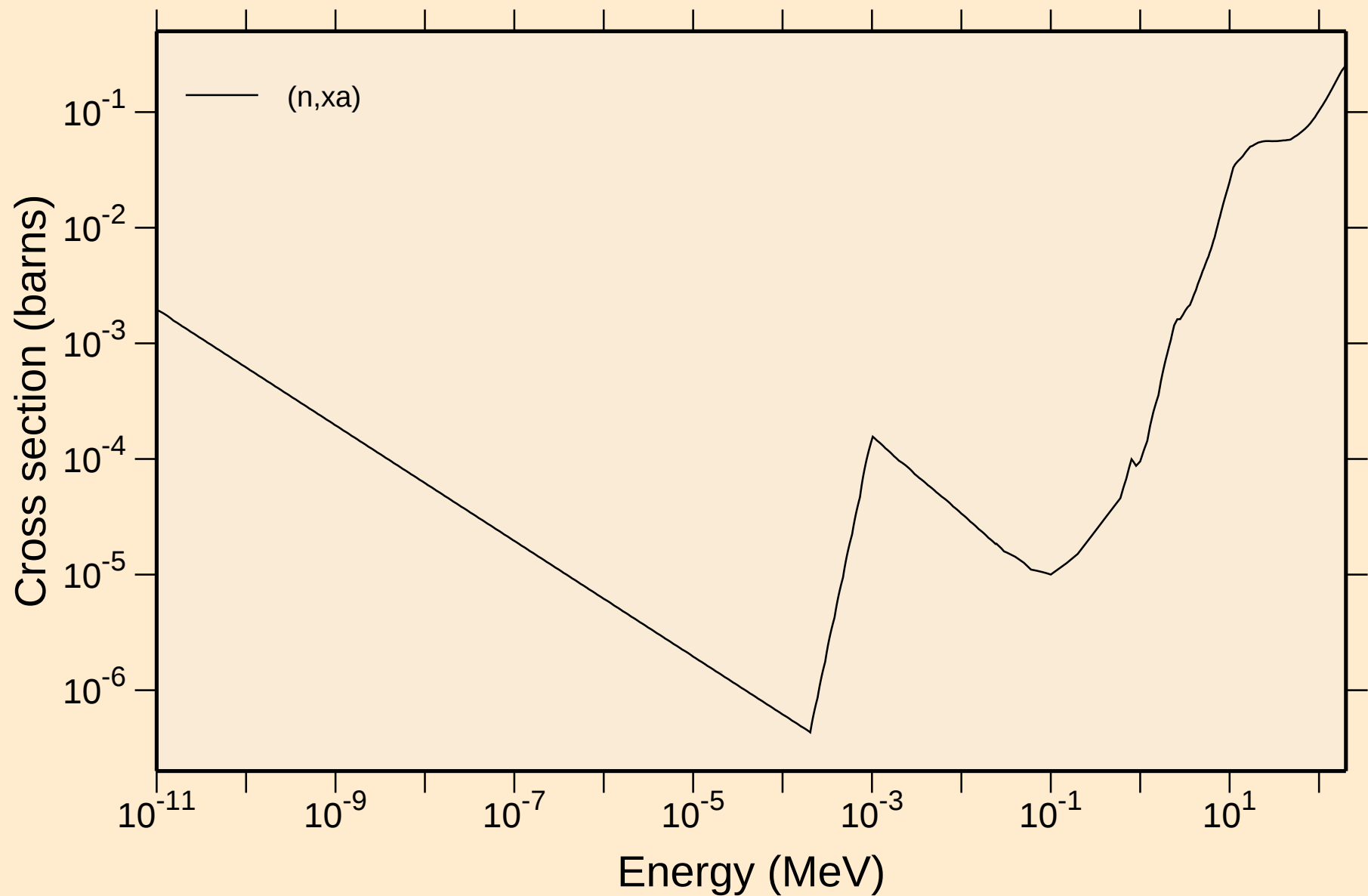
Damage



RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

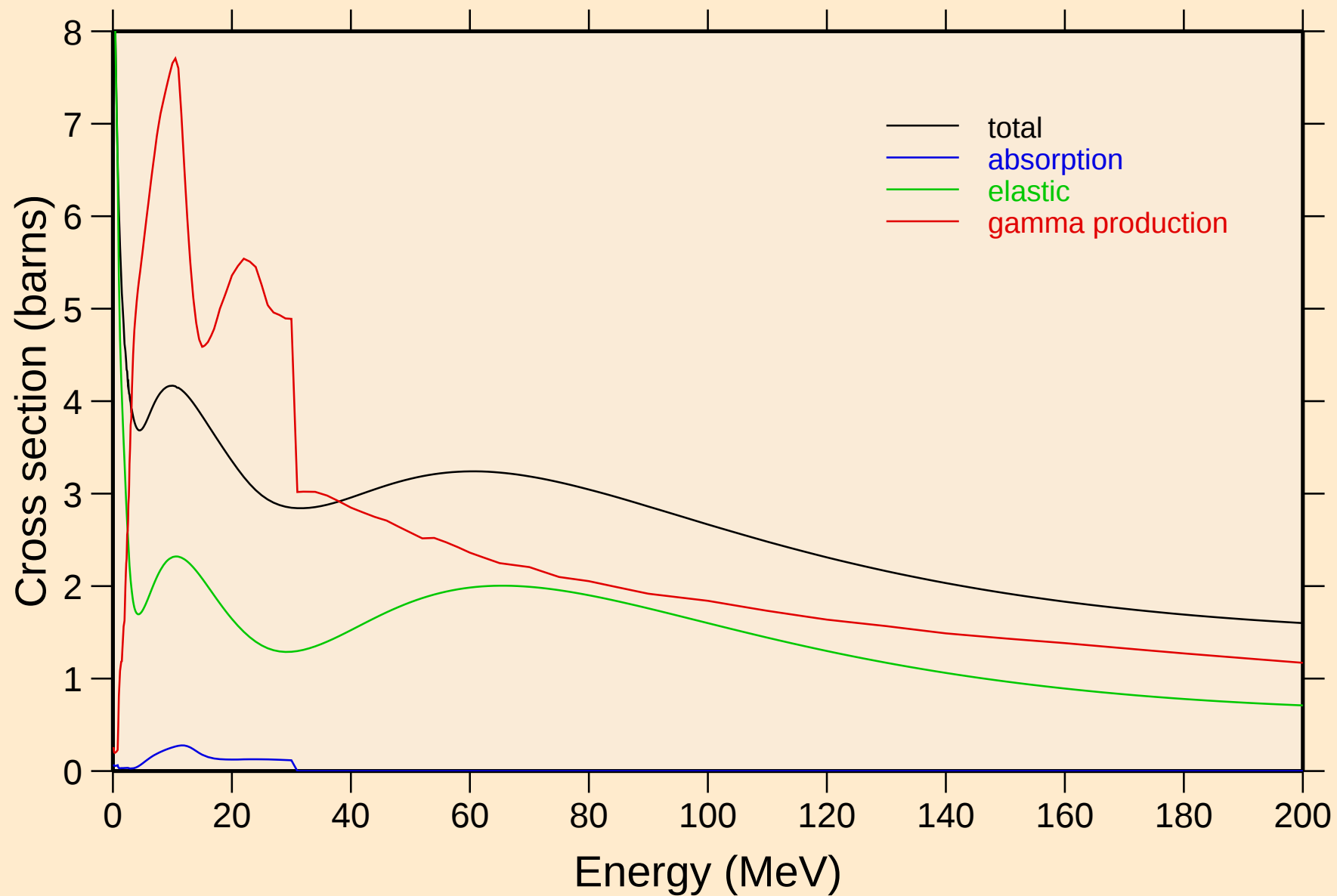


RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



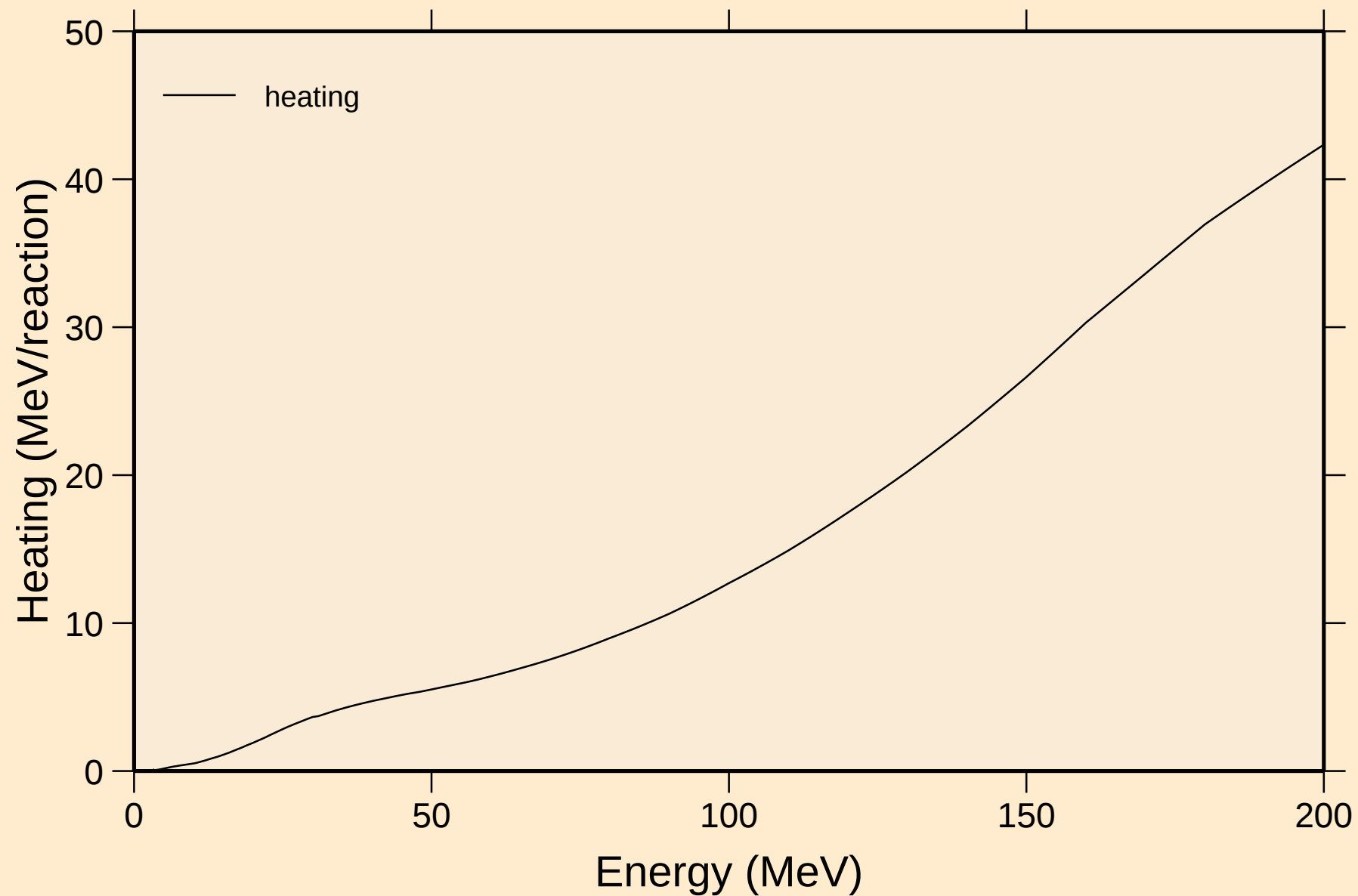
# RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

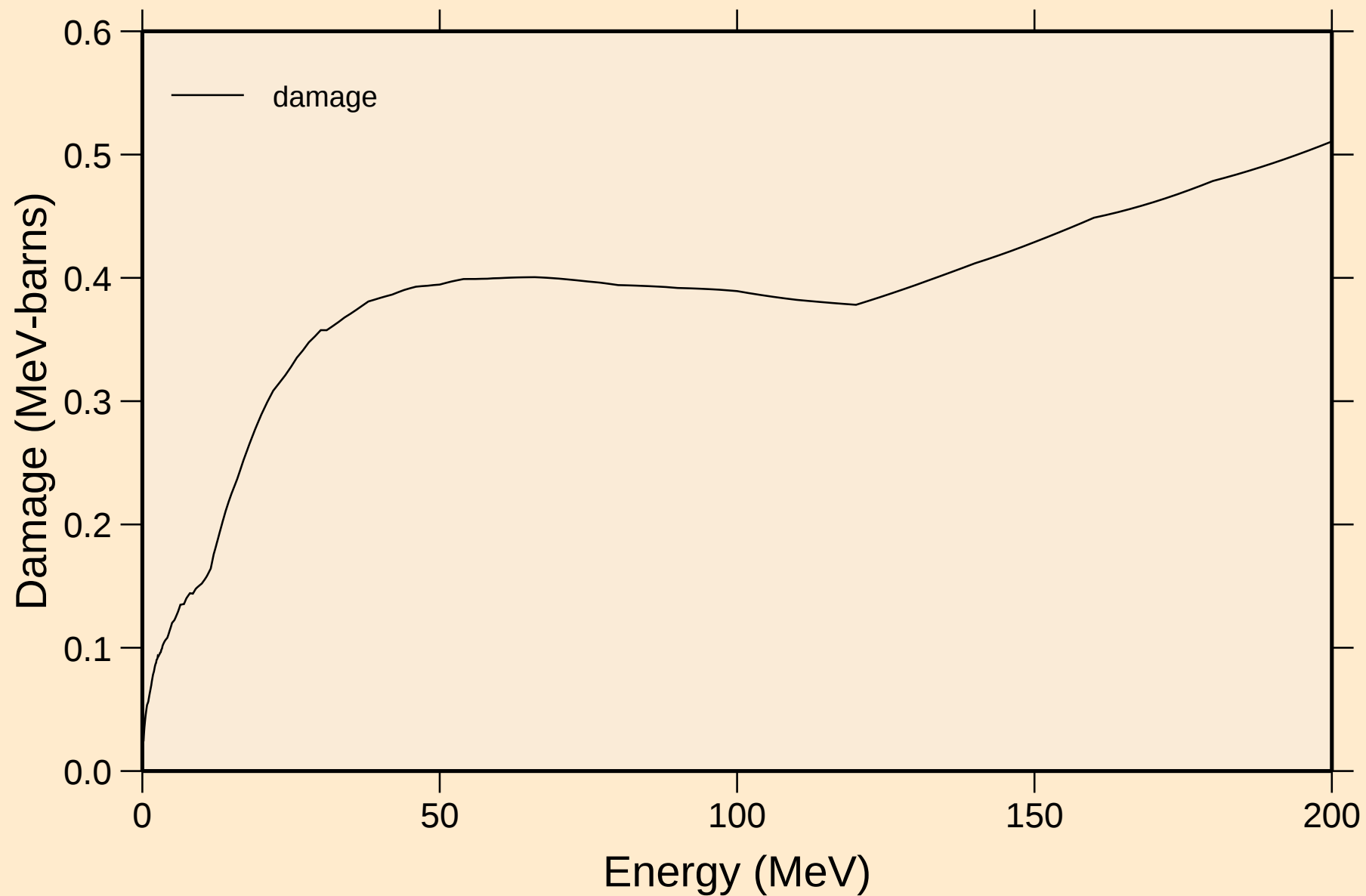


# RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

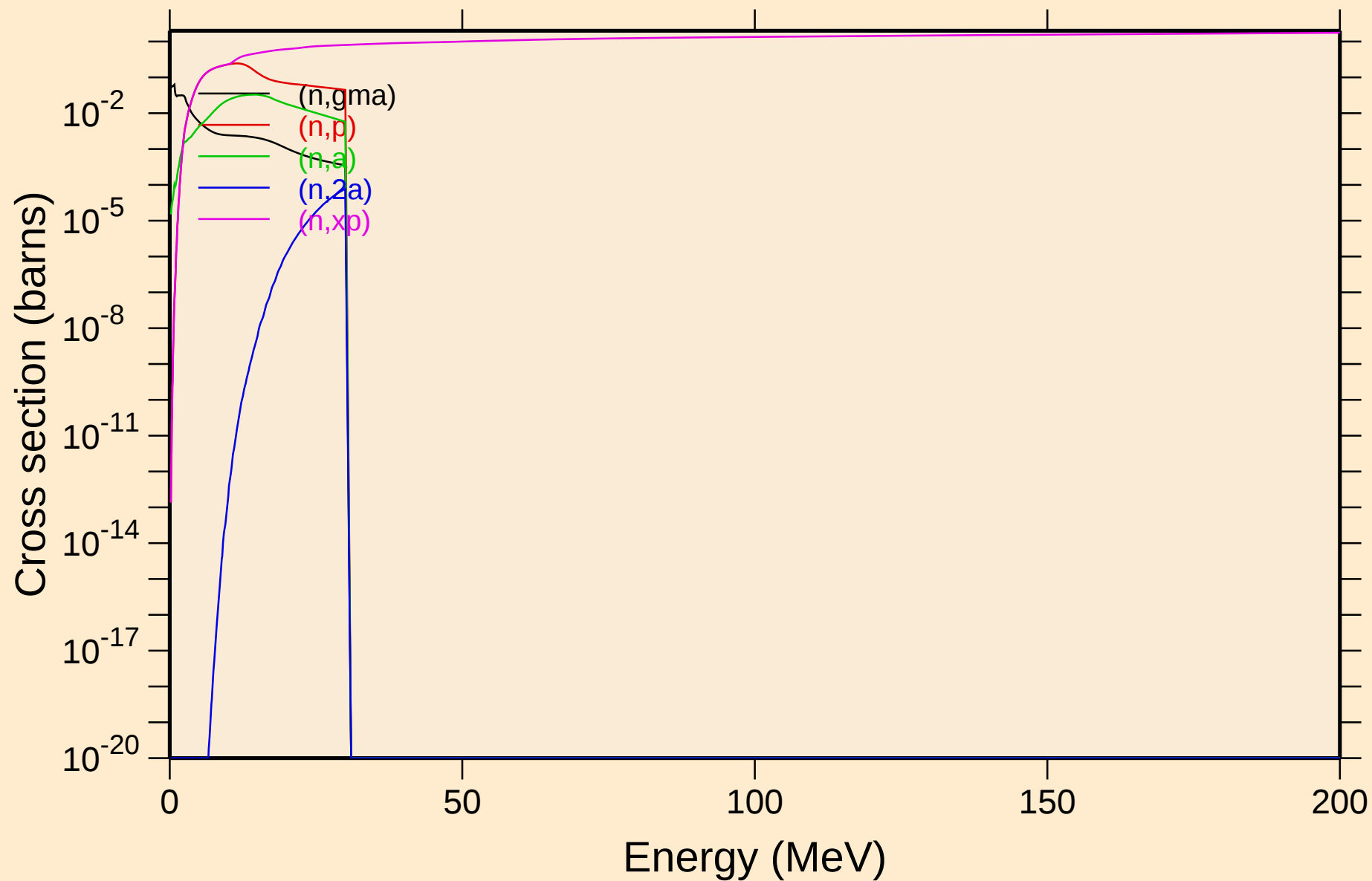
Heating



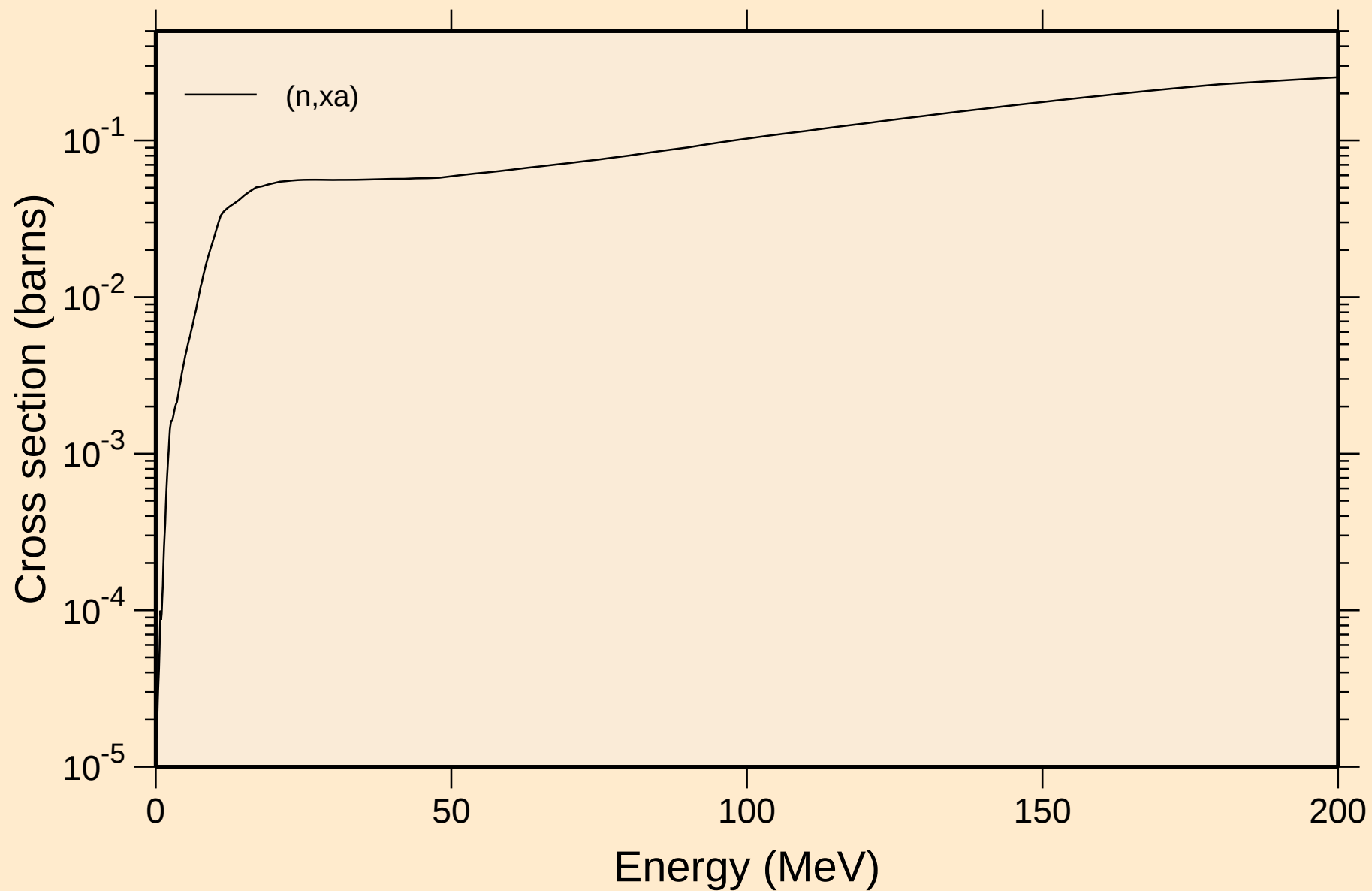
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



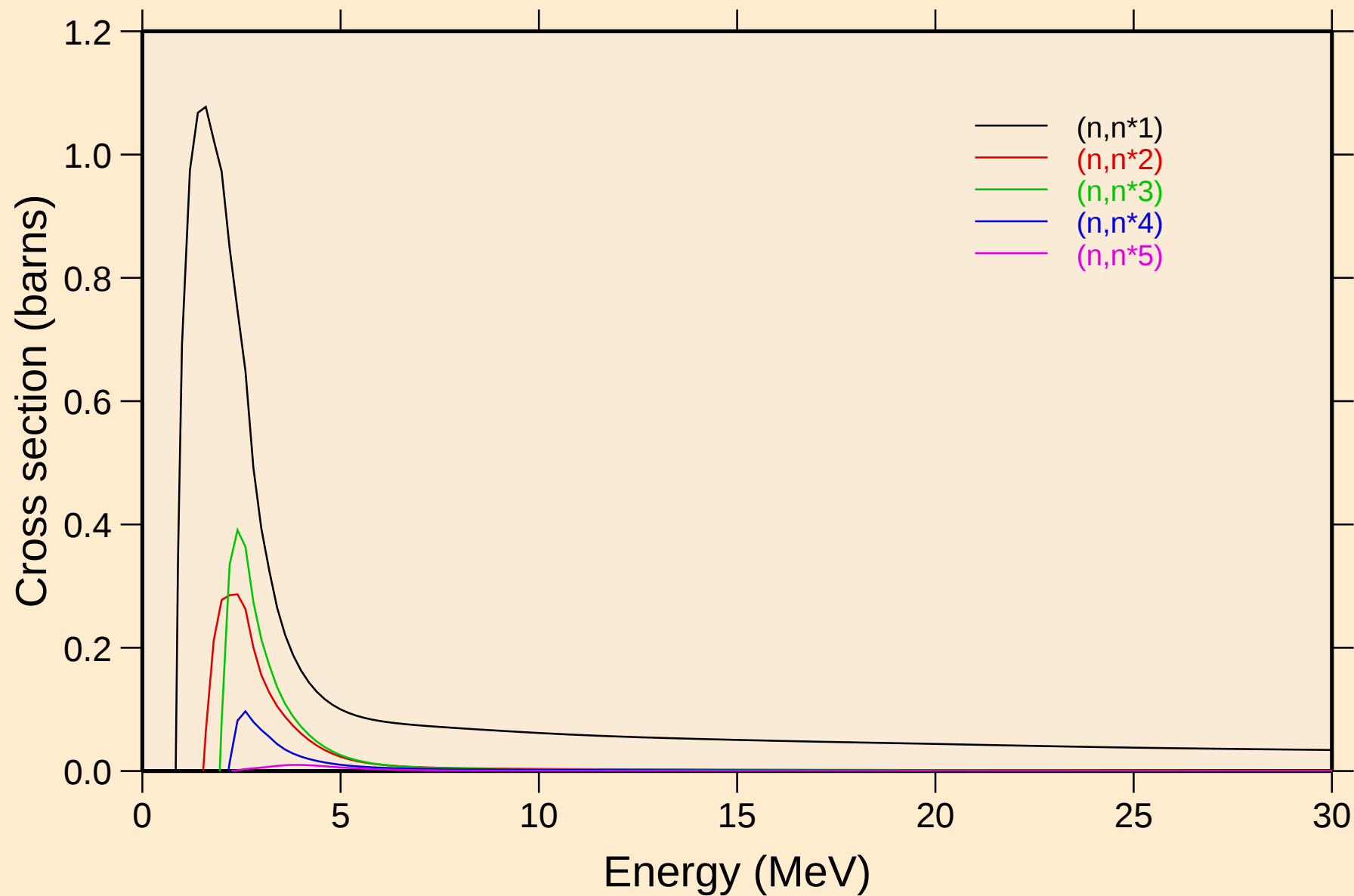
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



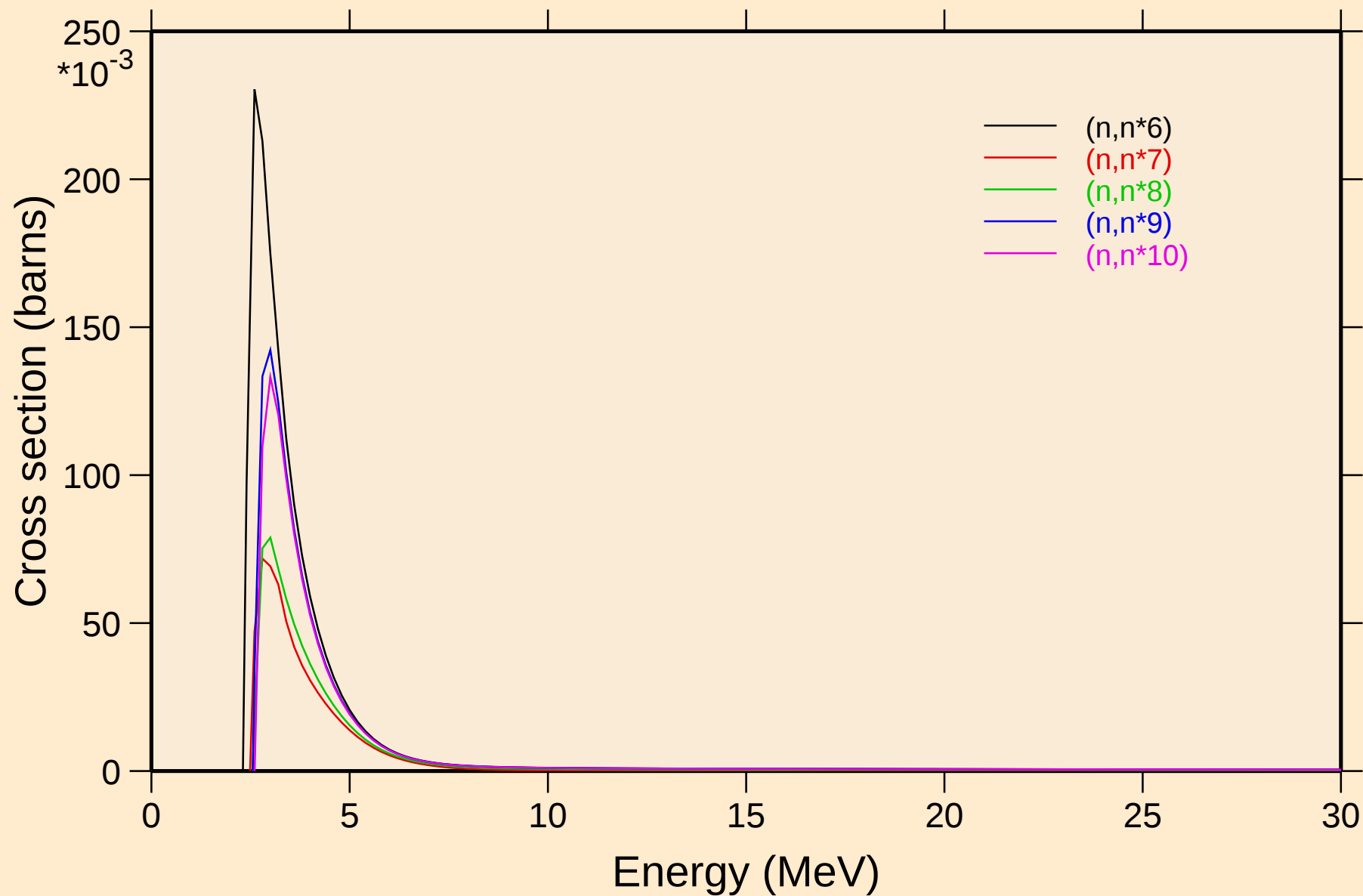
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



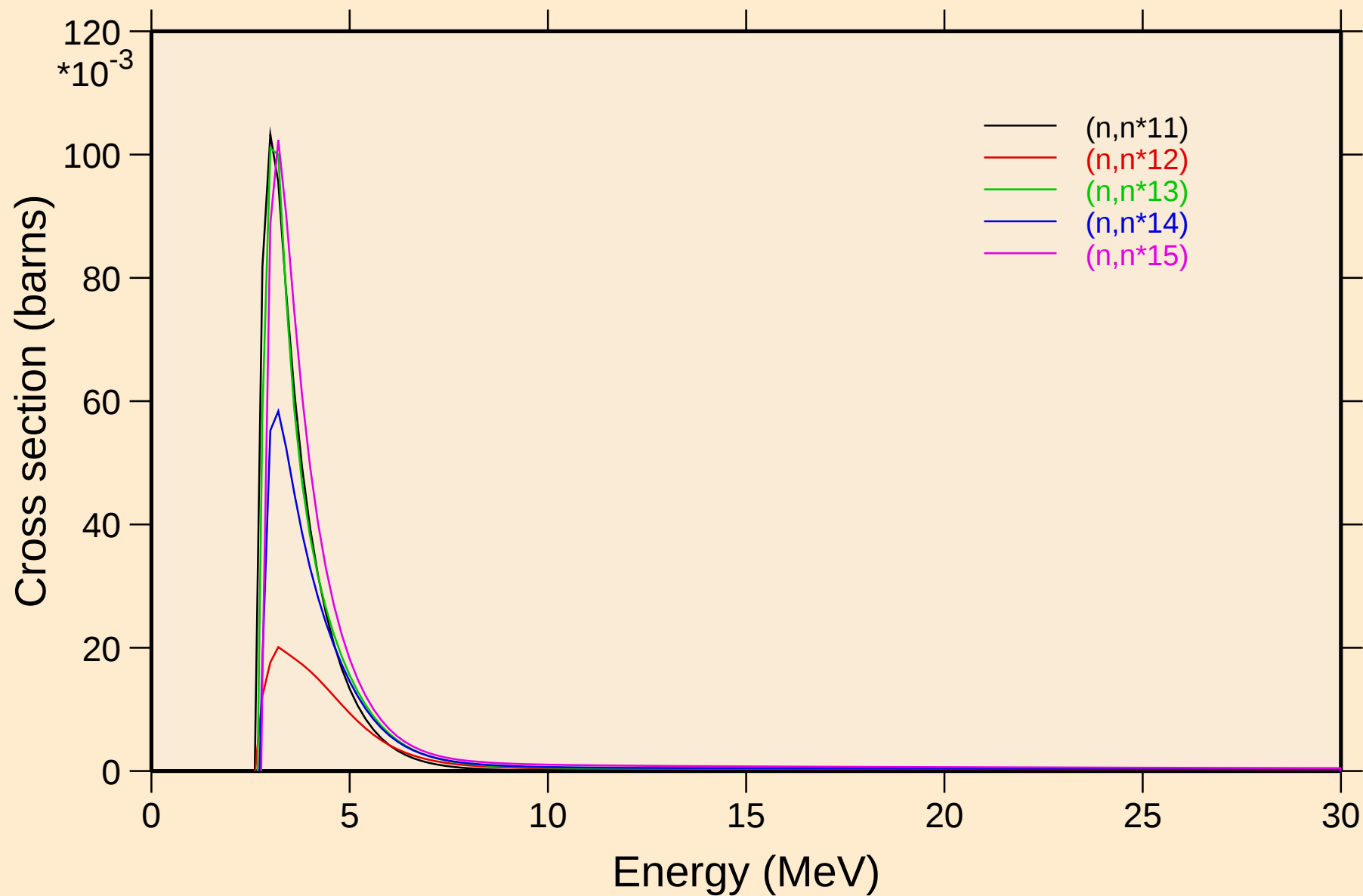
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

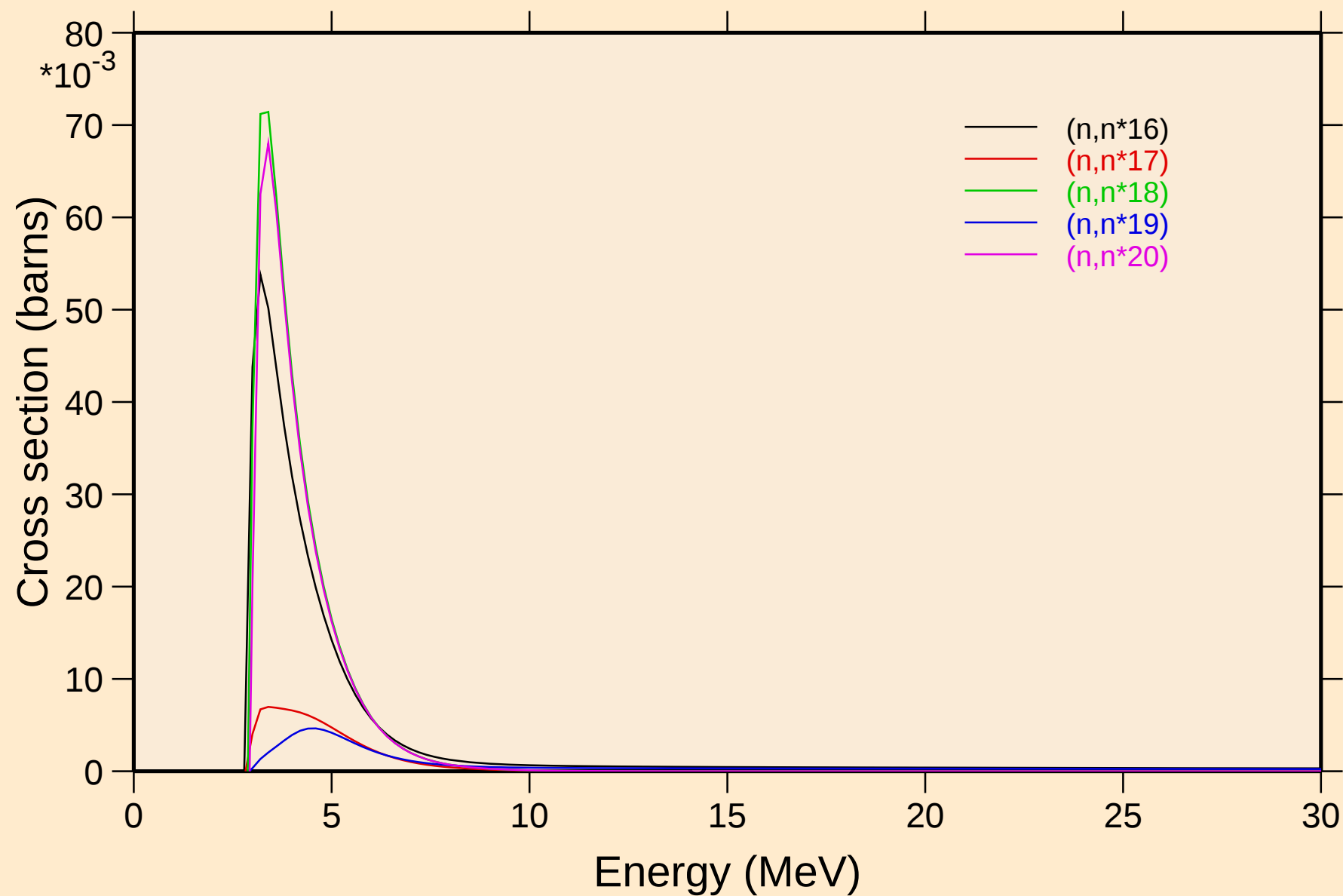


RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



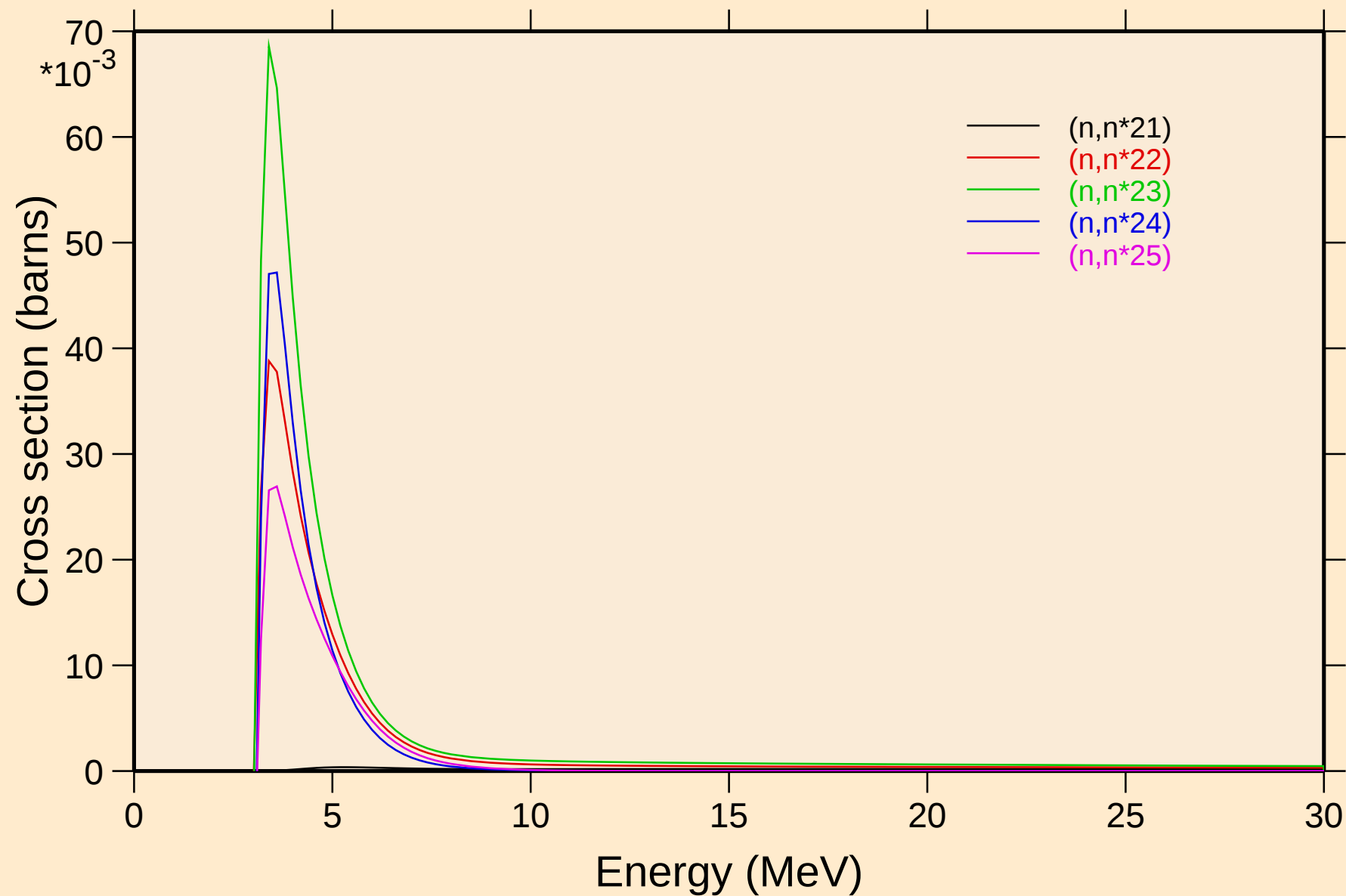
# RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



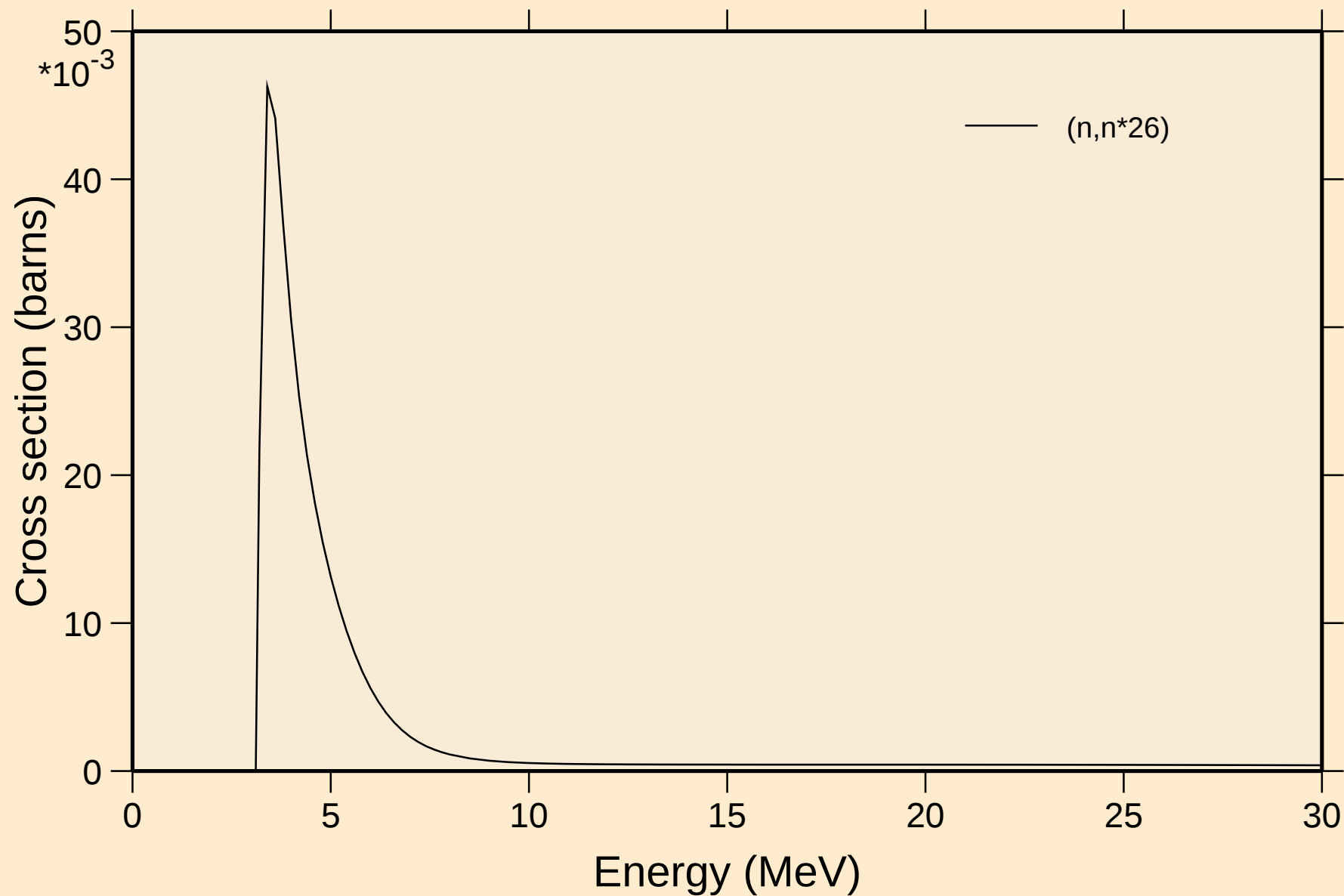
# RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



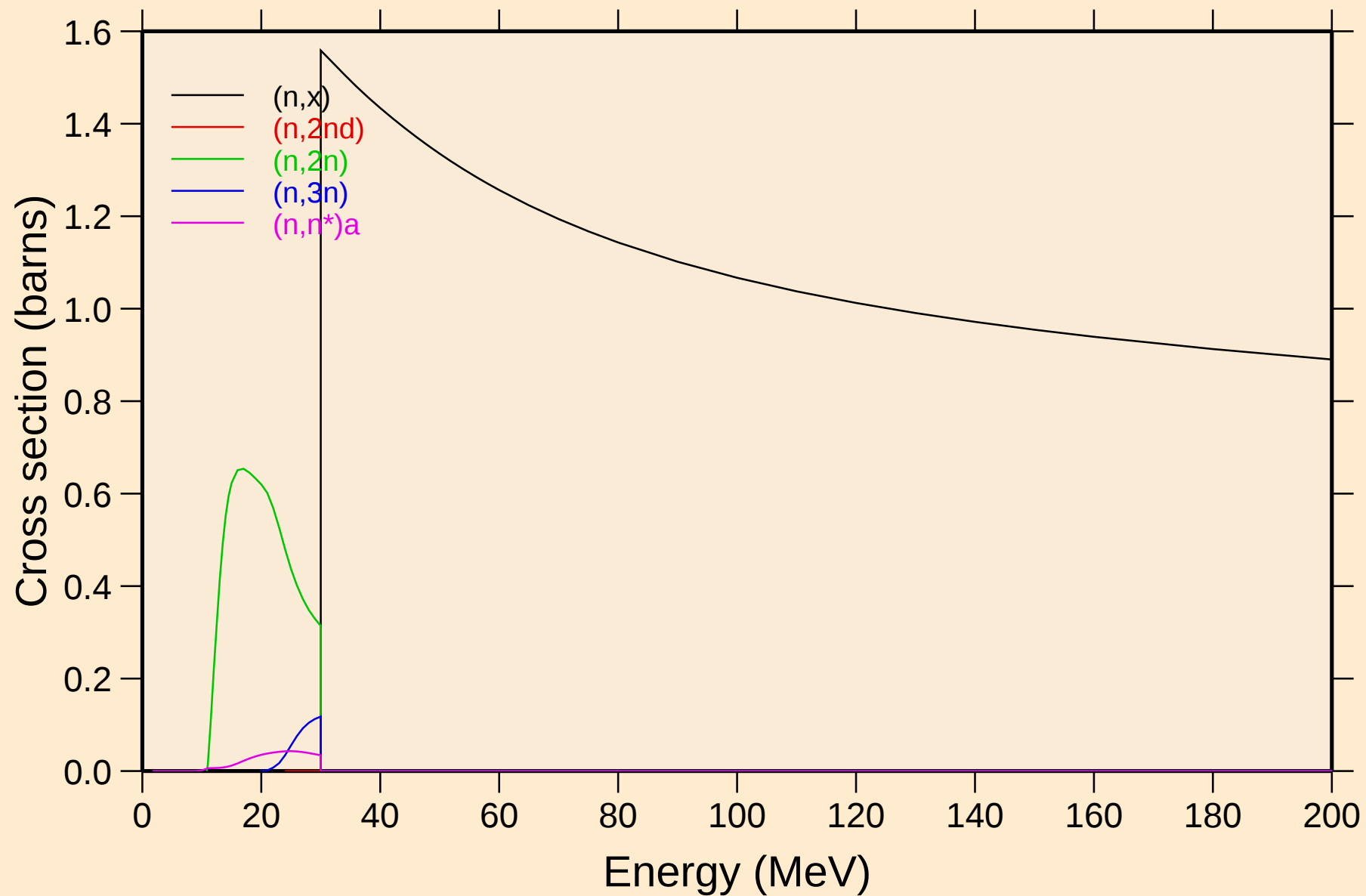
# RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels

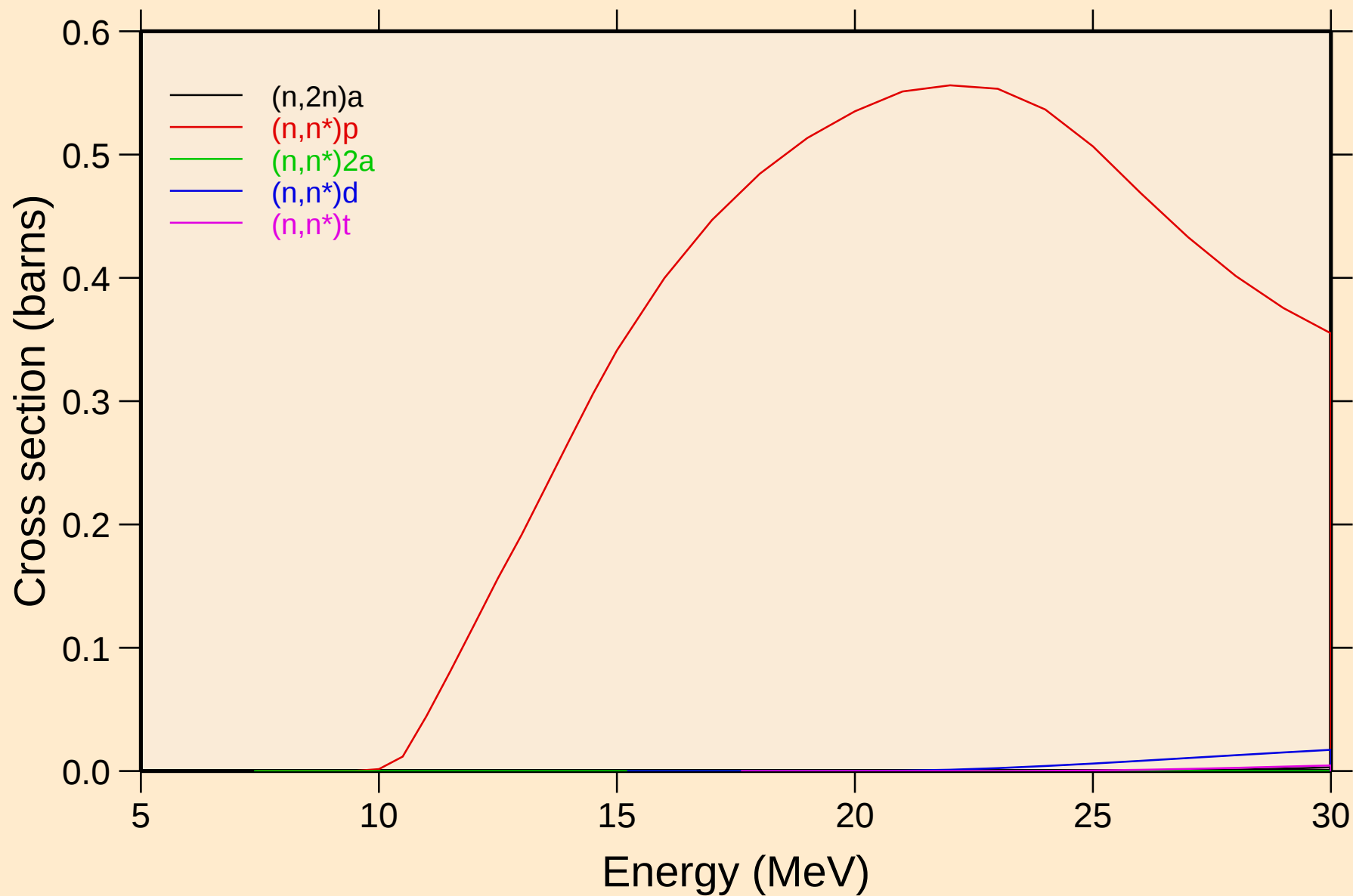


# RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

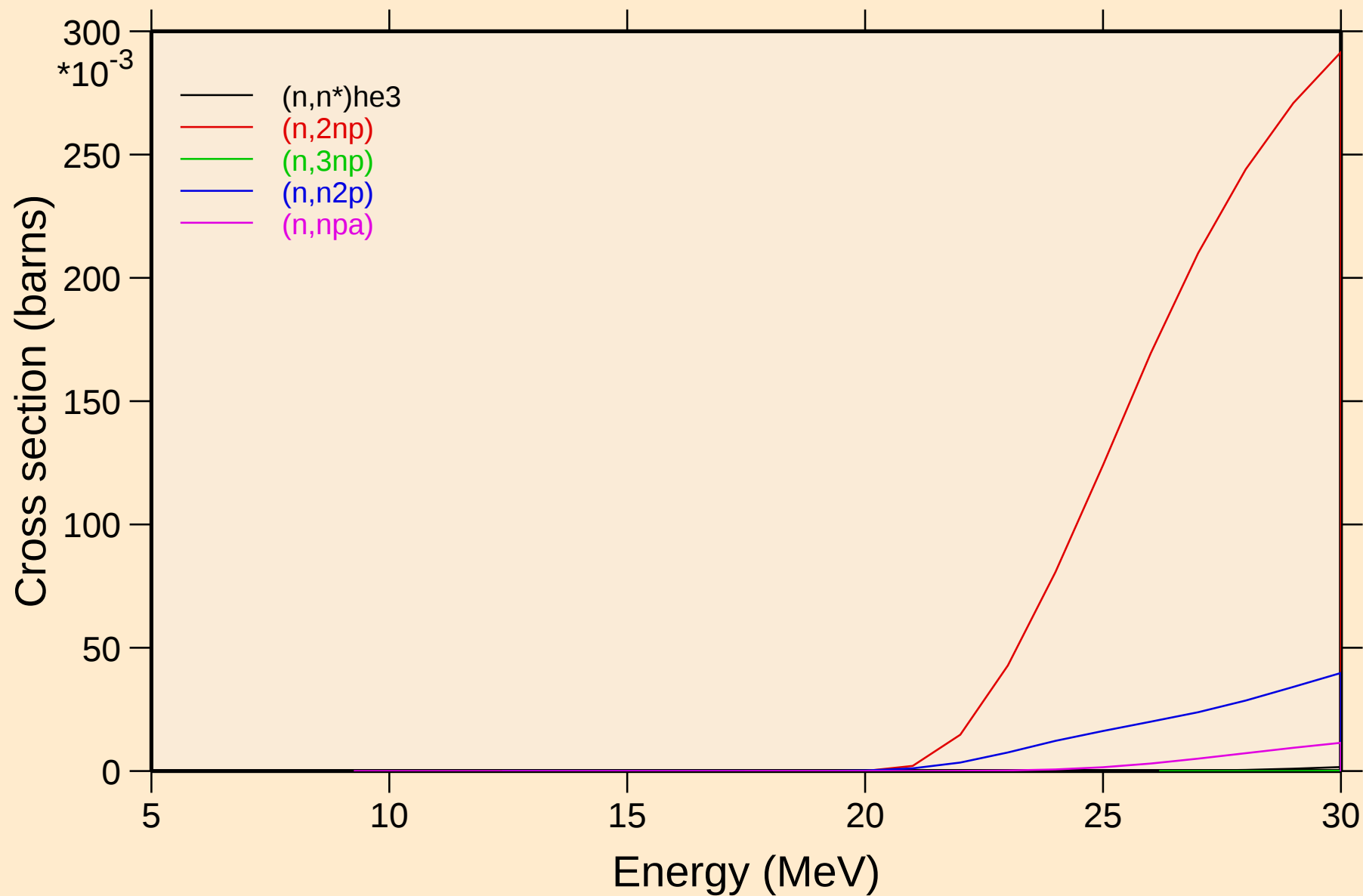
## Threshold reactions



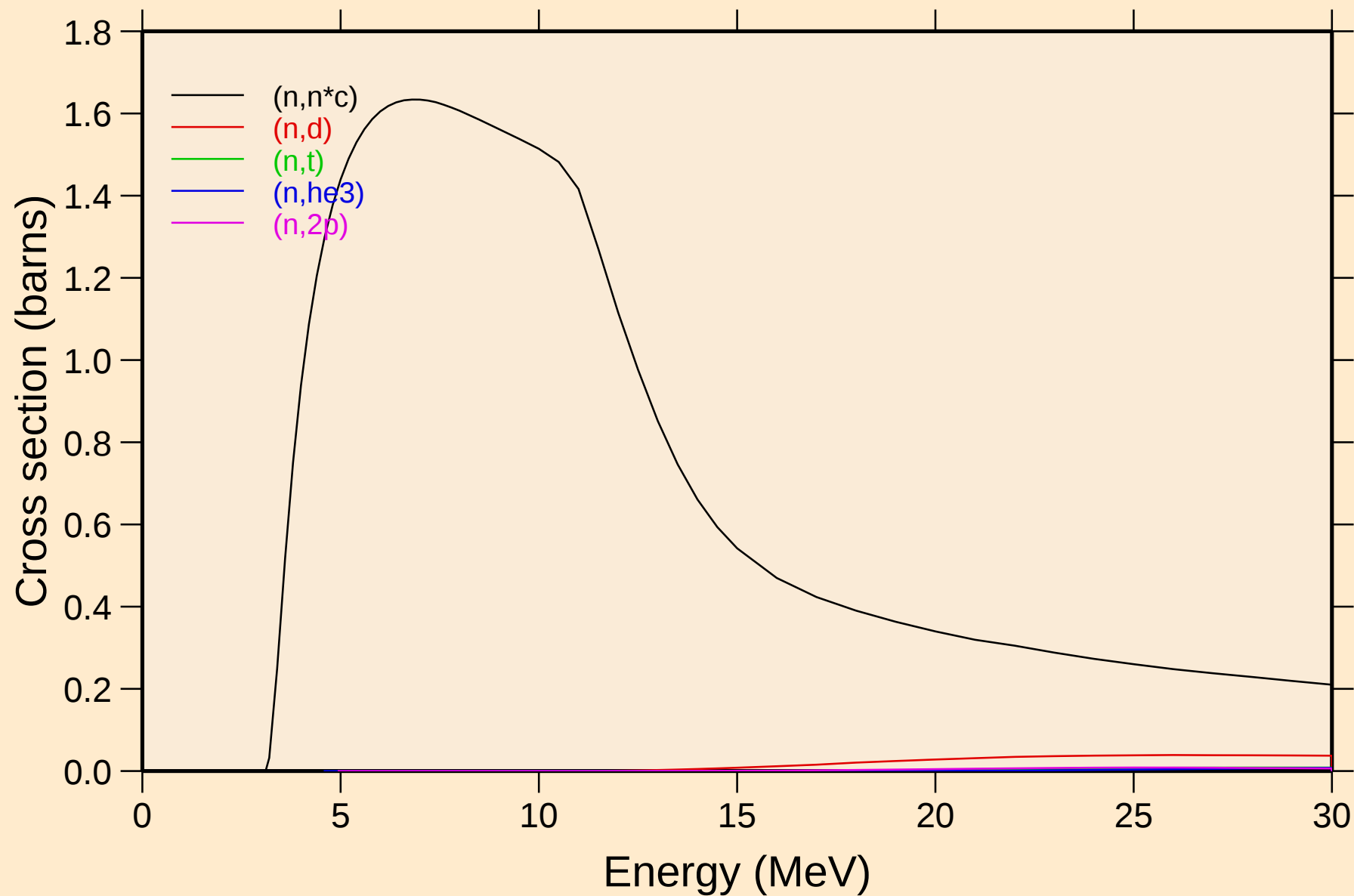
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



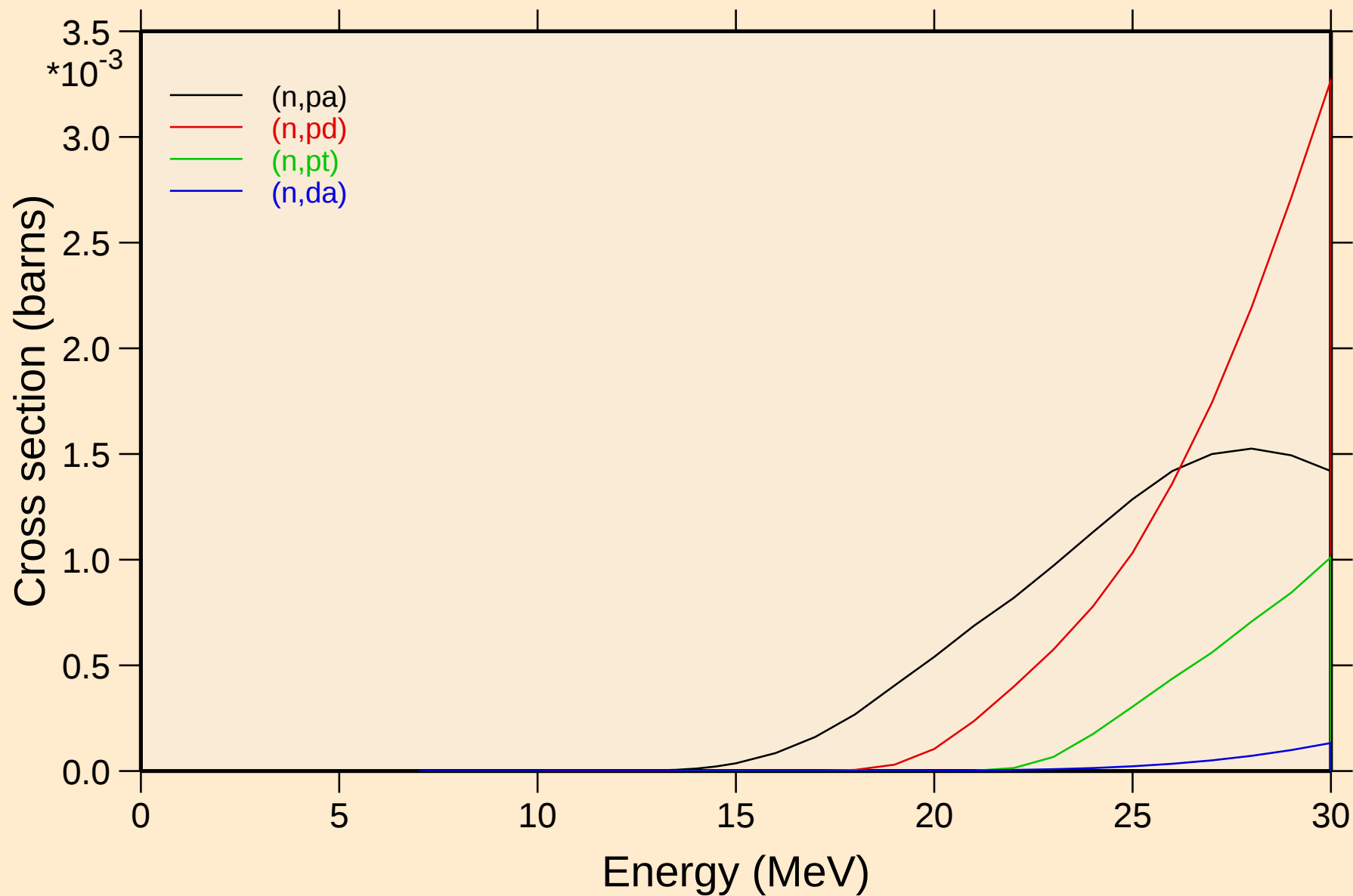
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



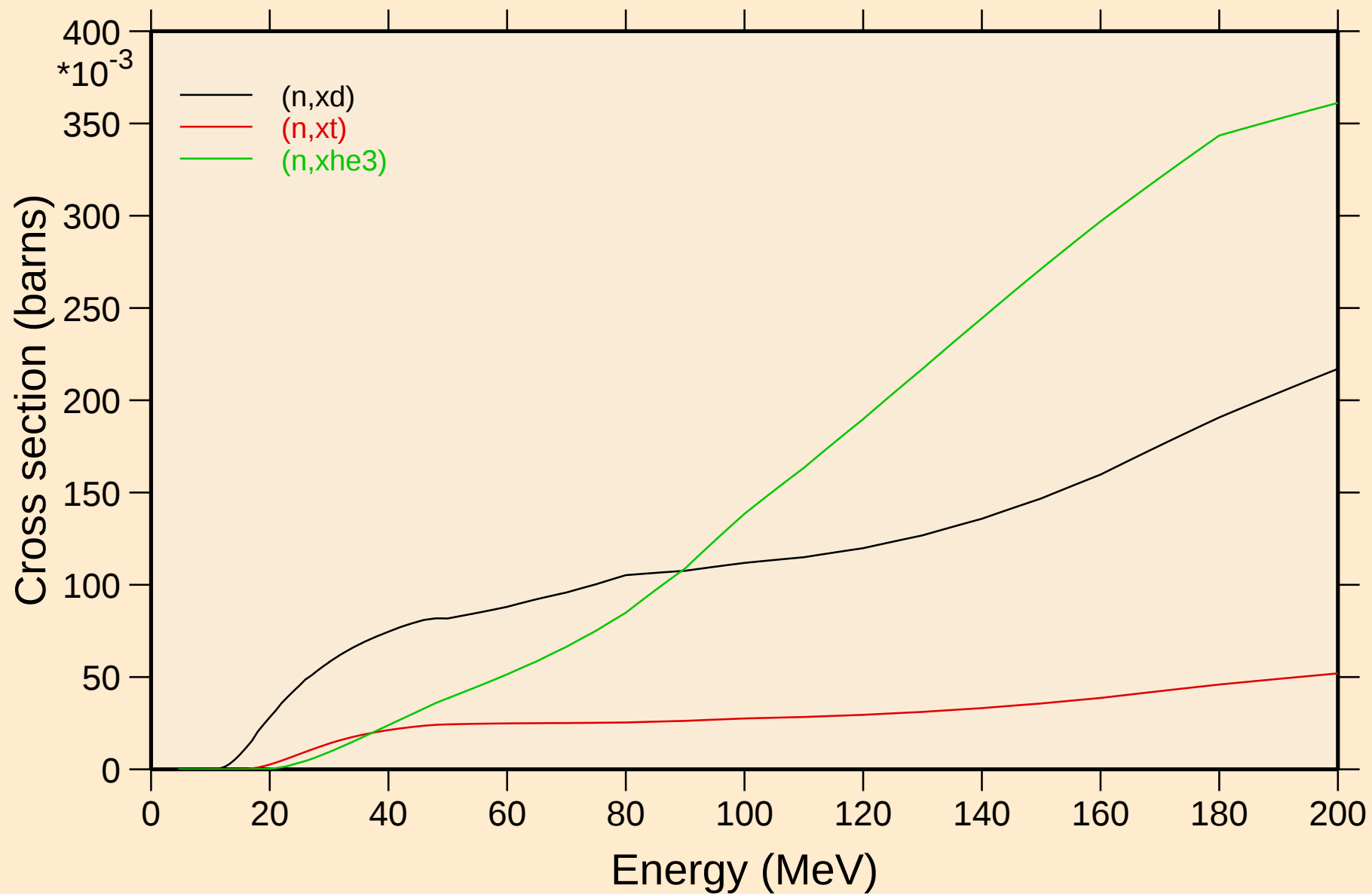
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



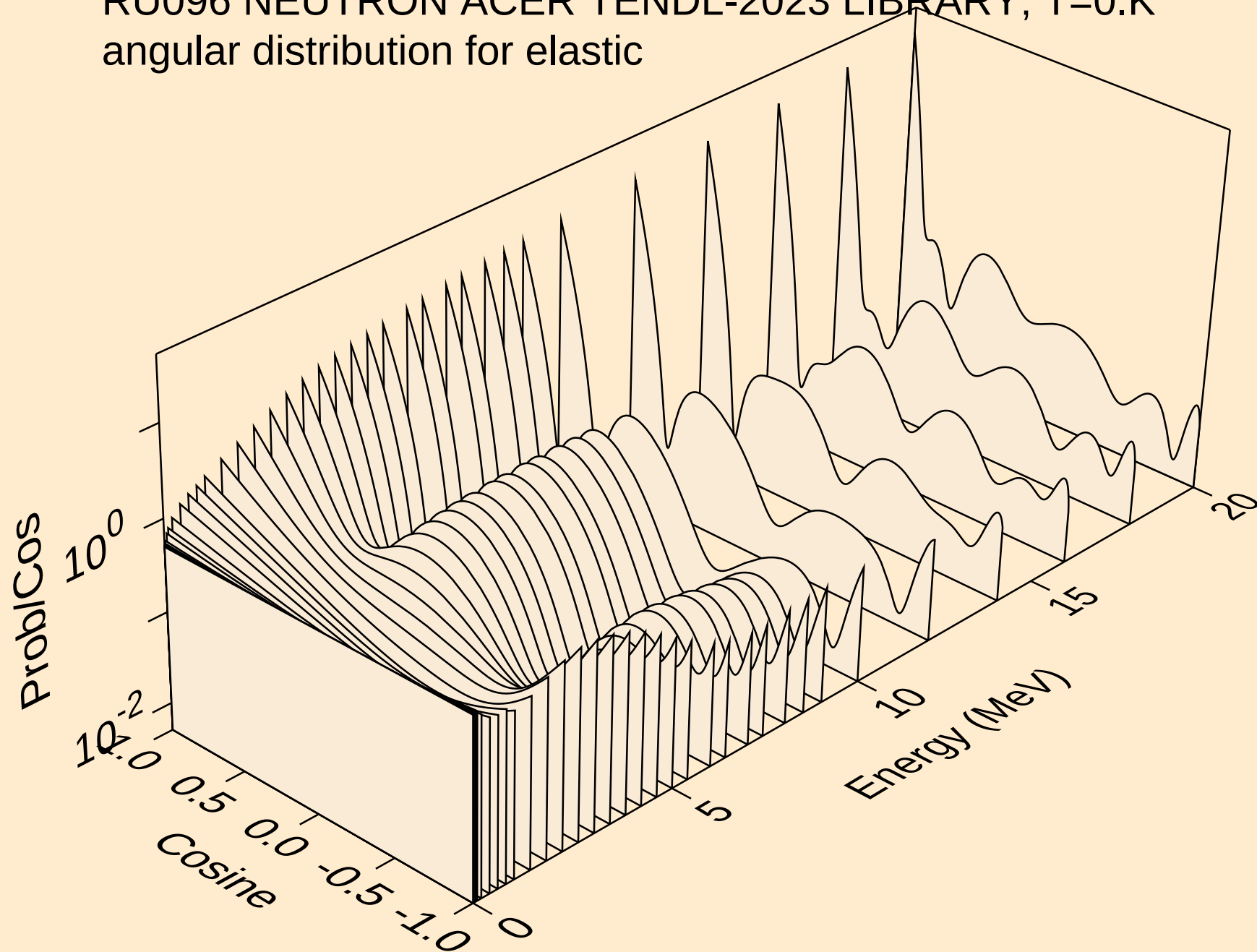
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



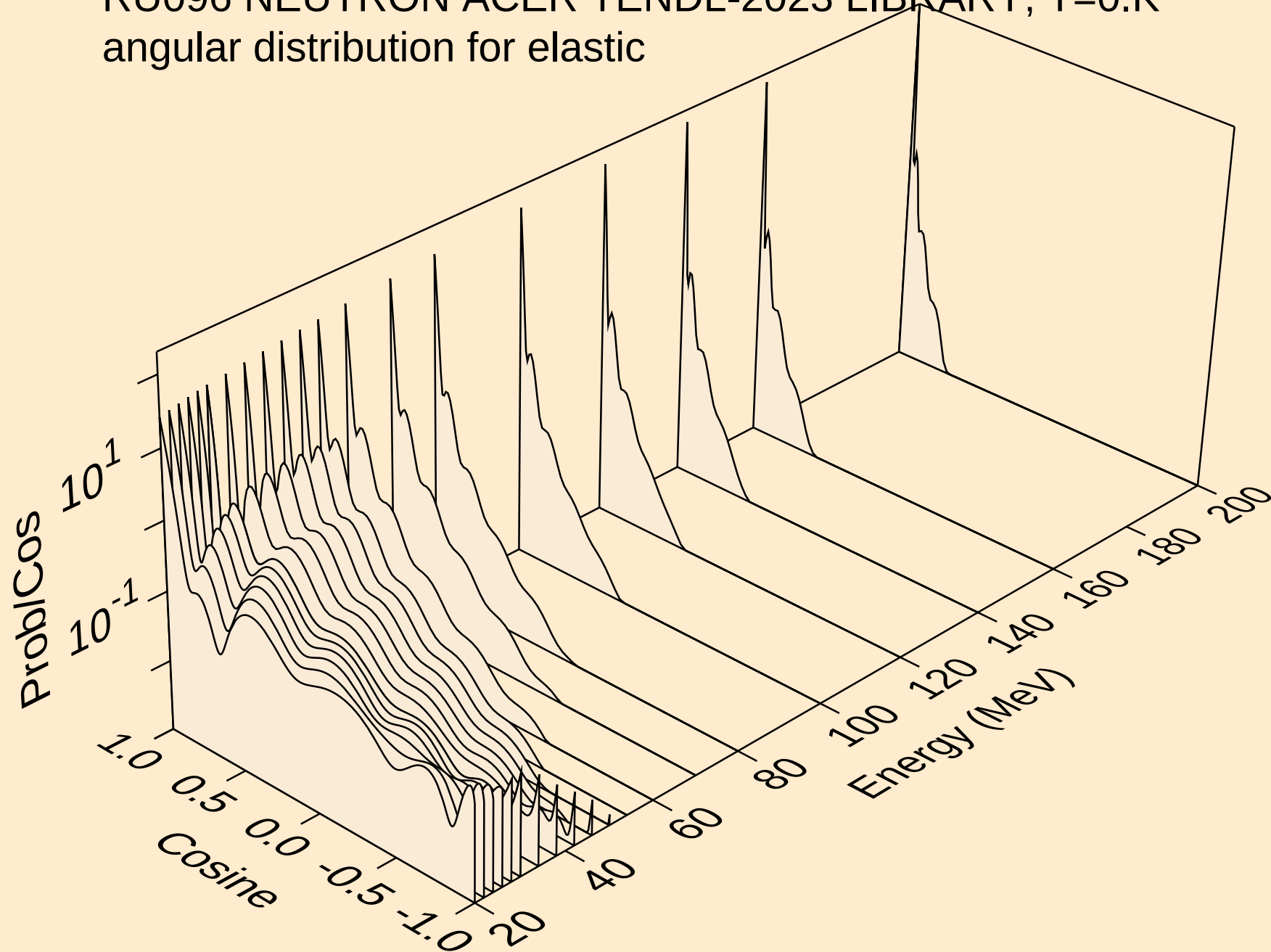
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



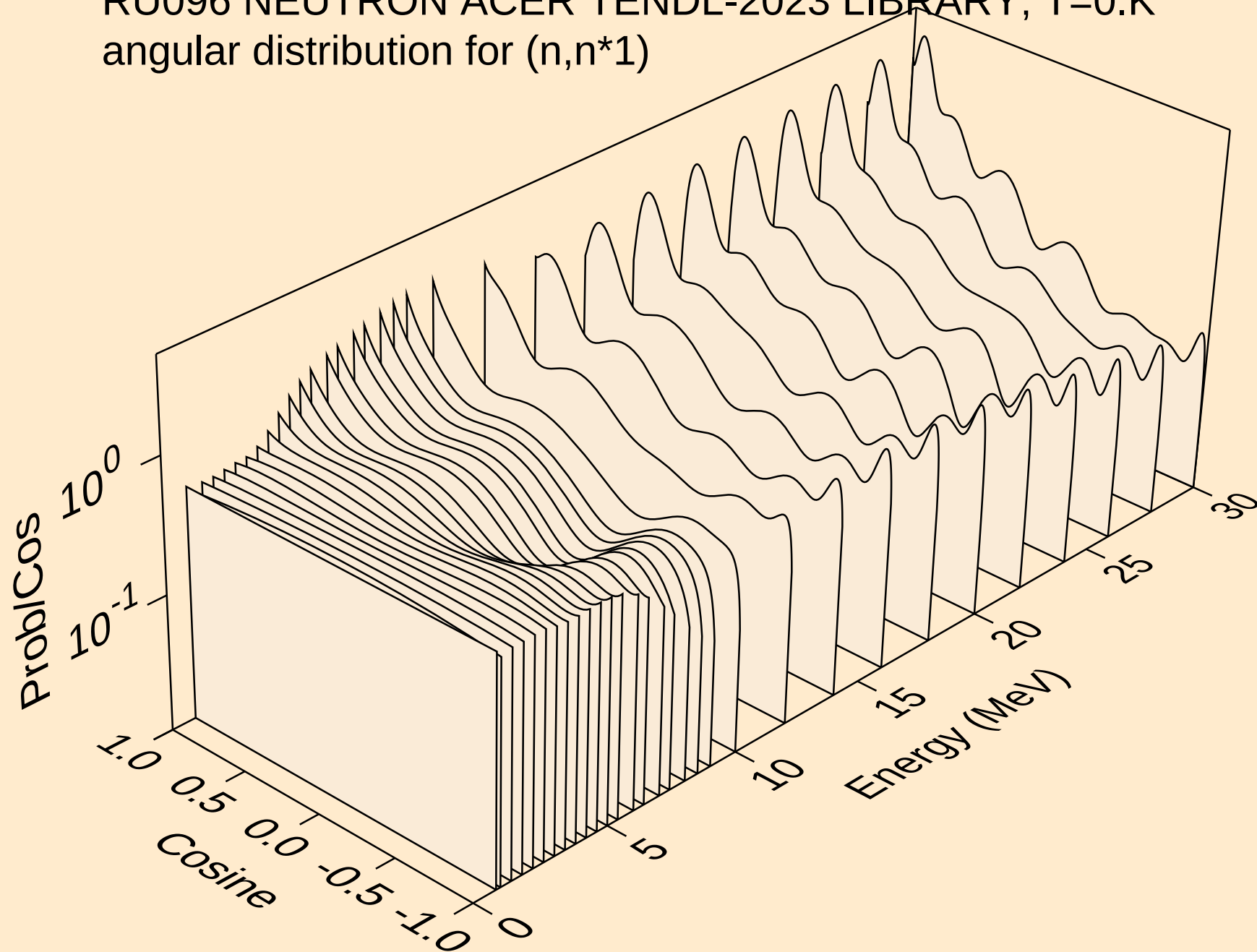
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



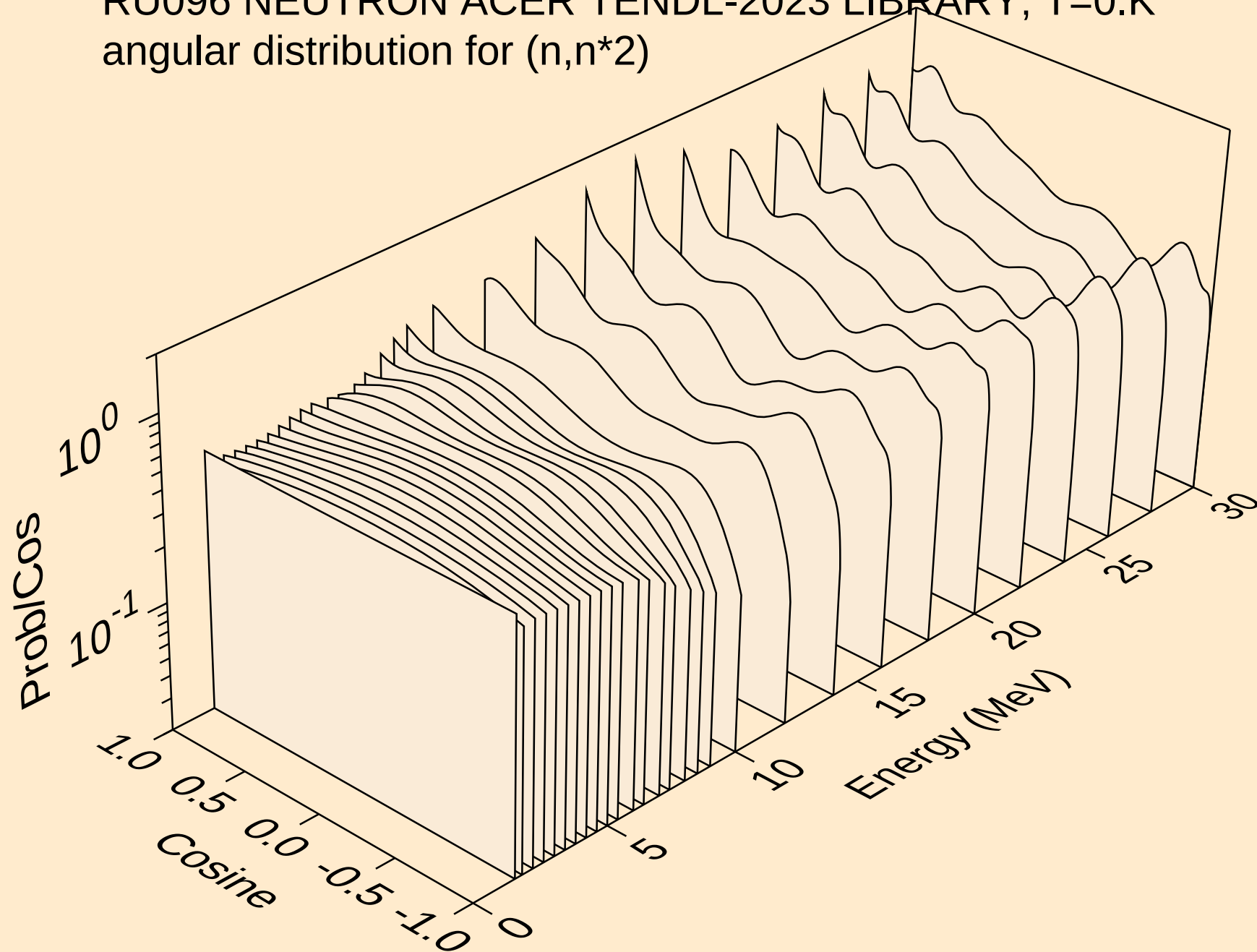
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



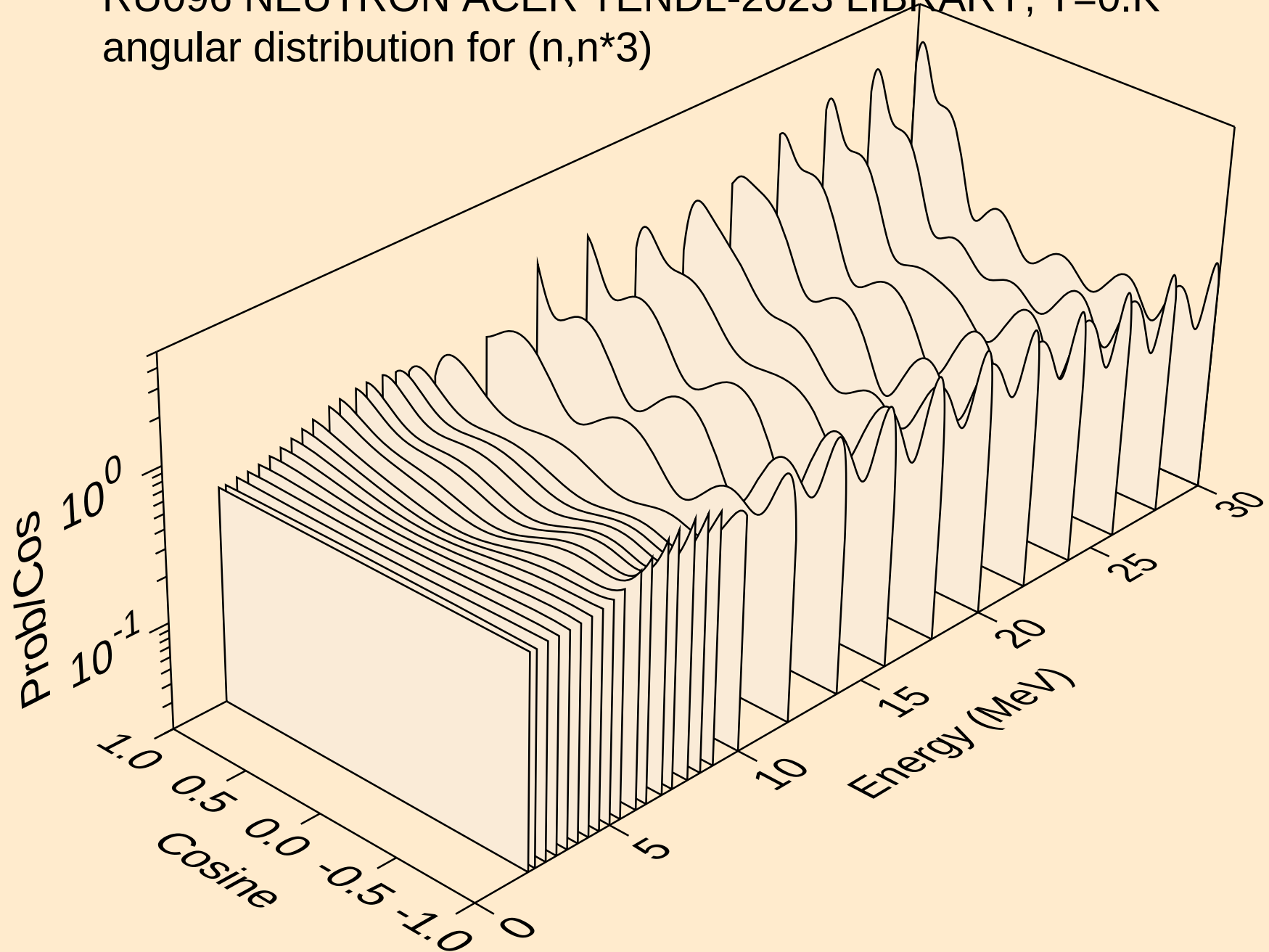
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



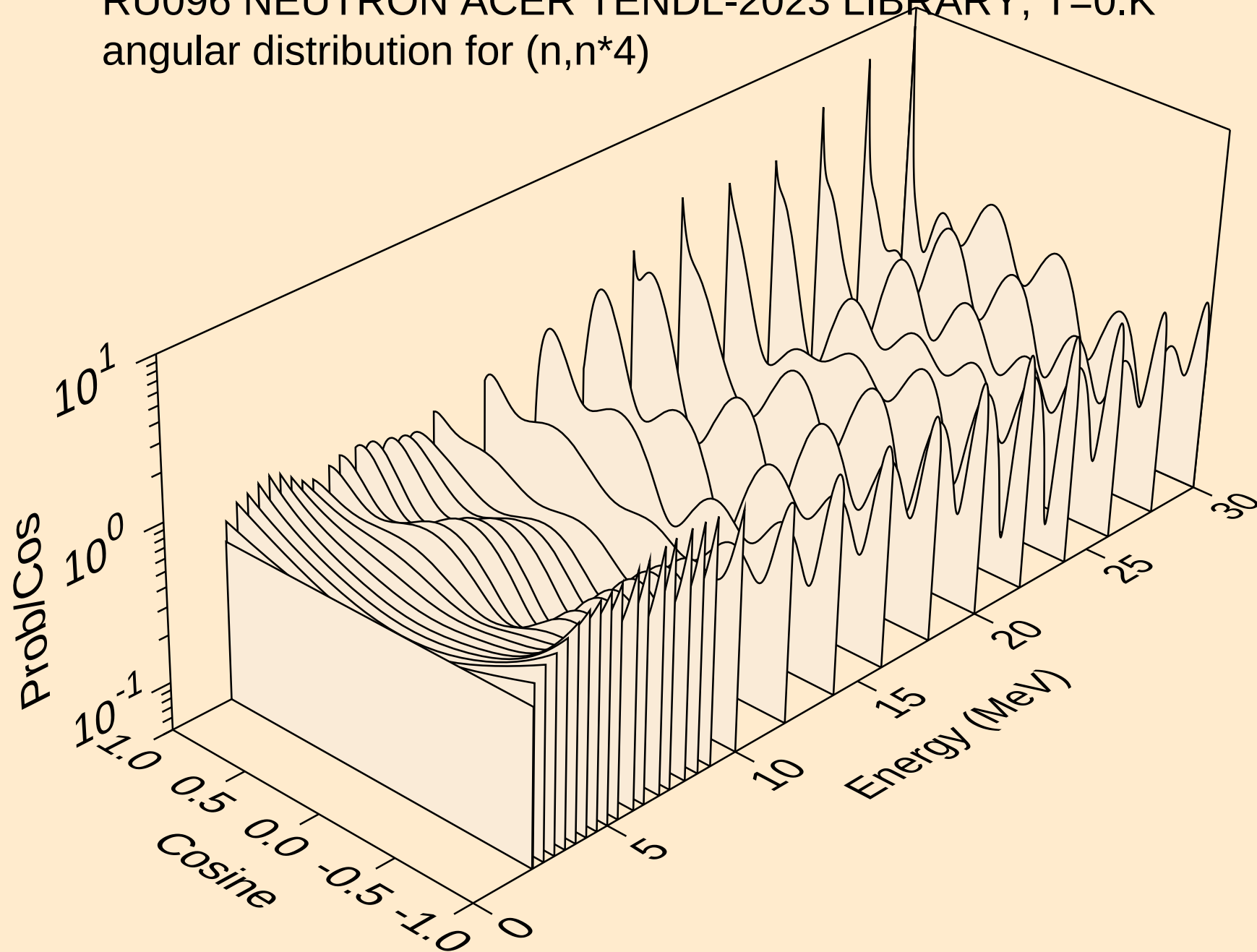
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



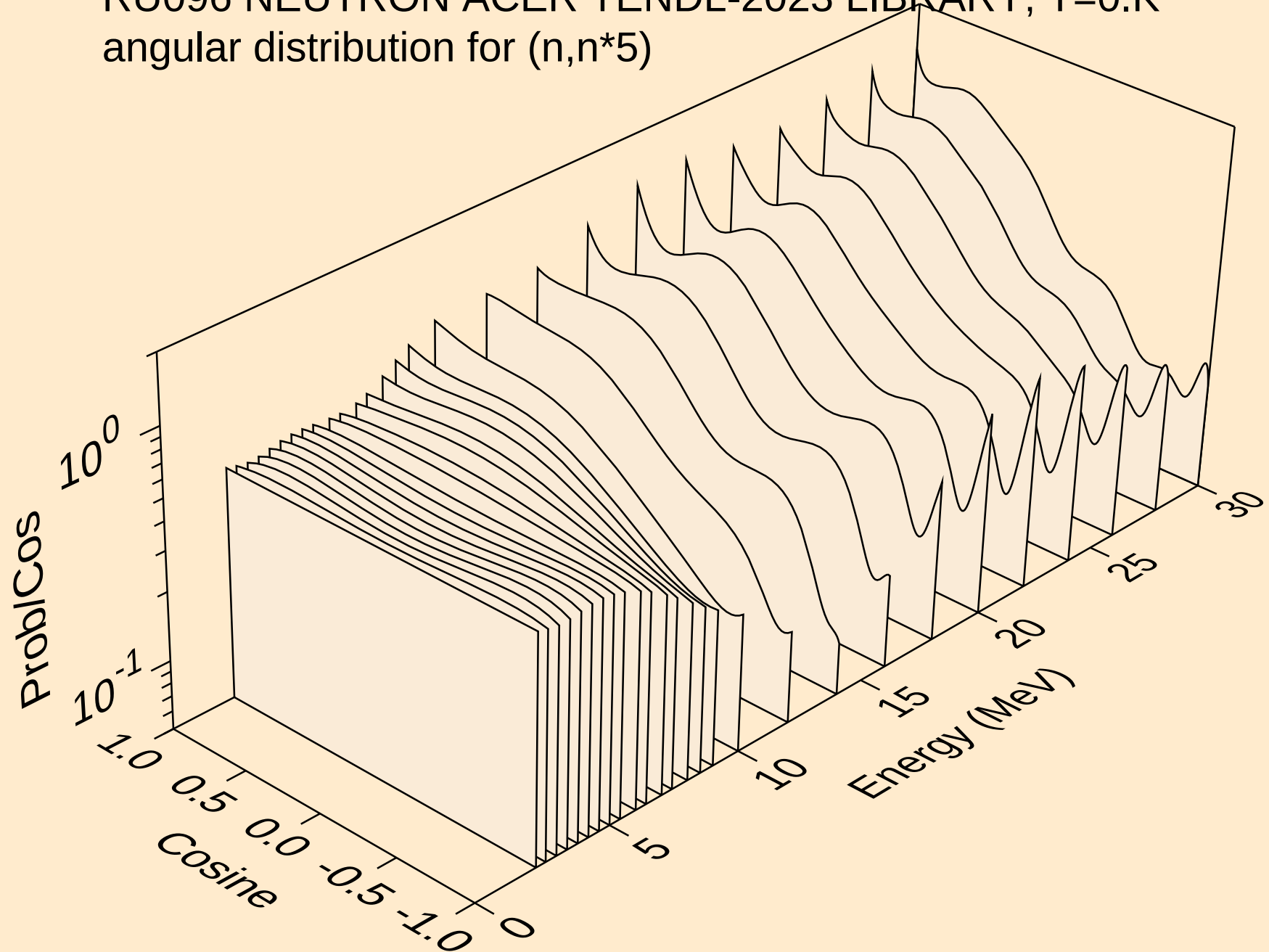
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



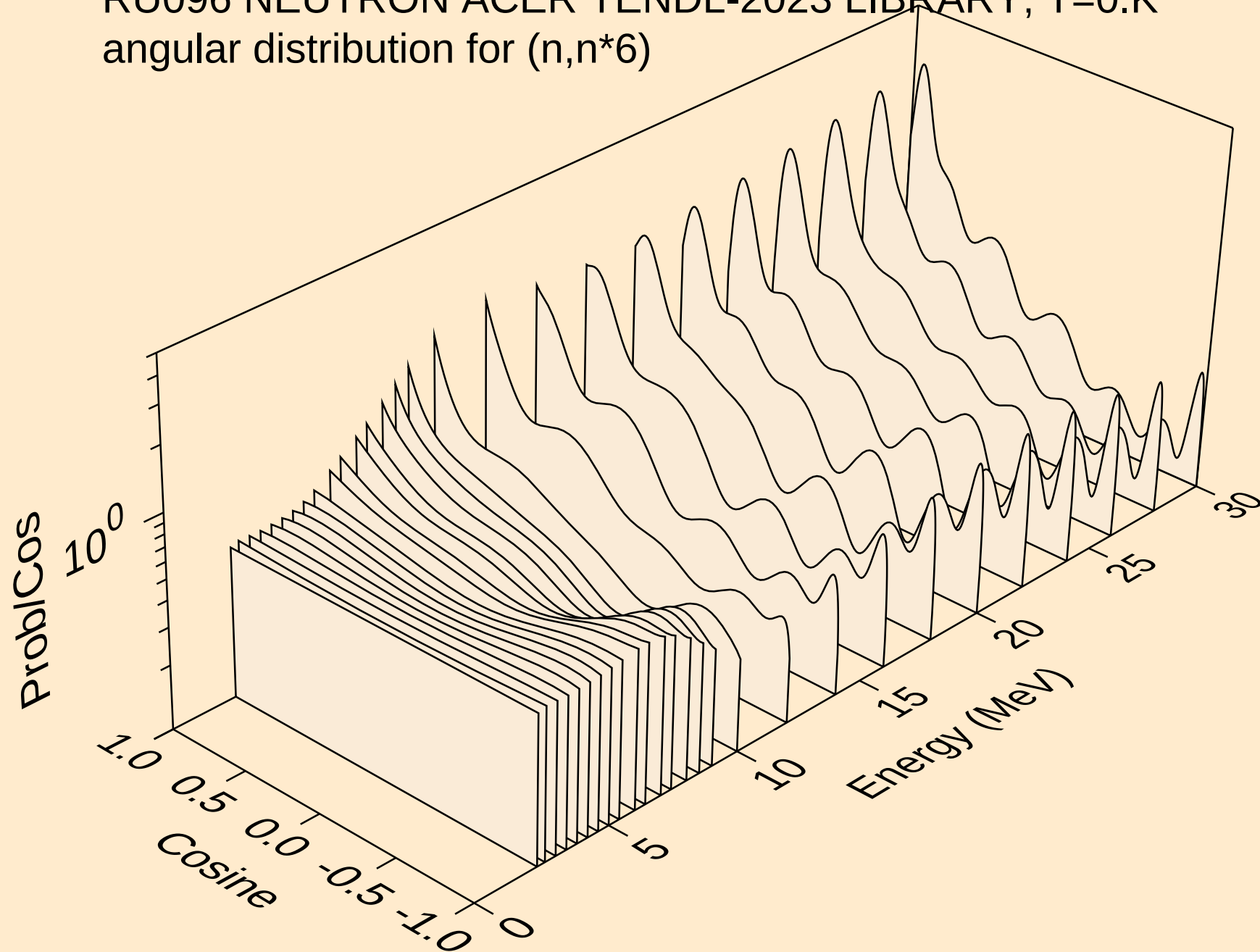
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



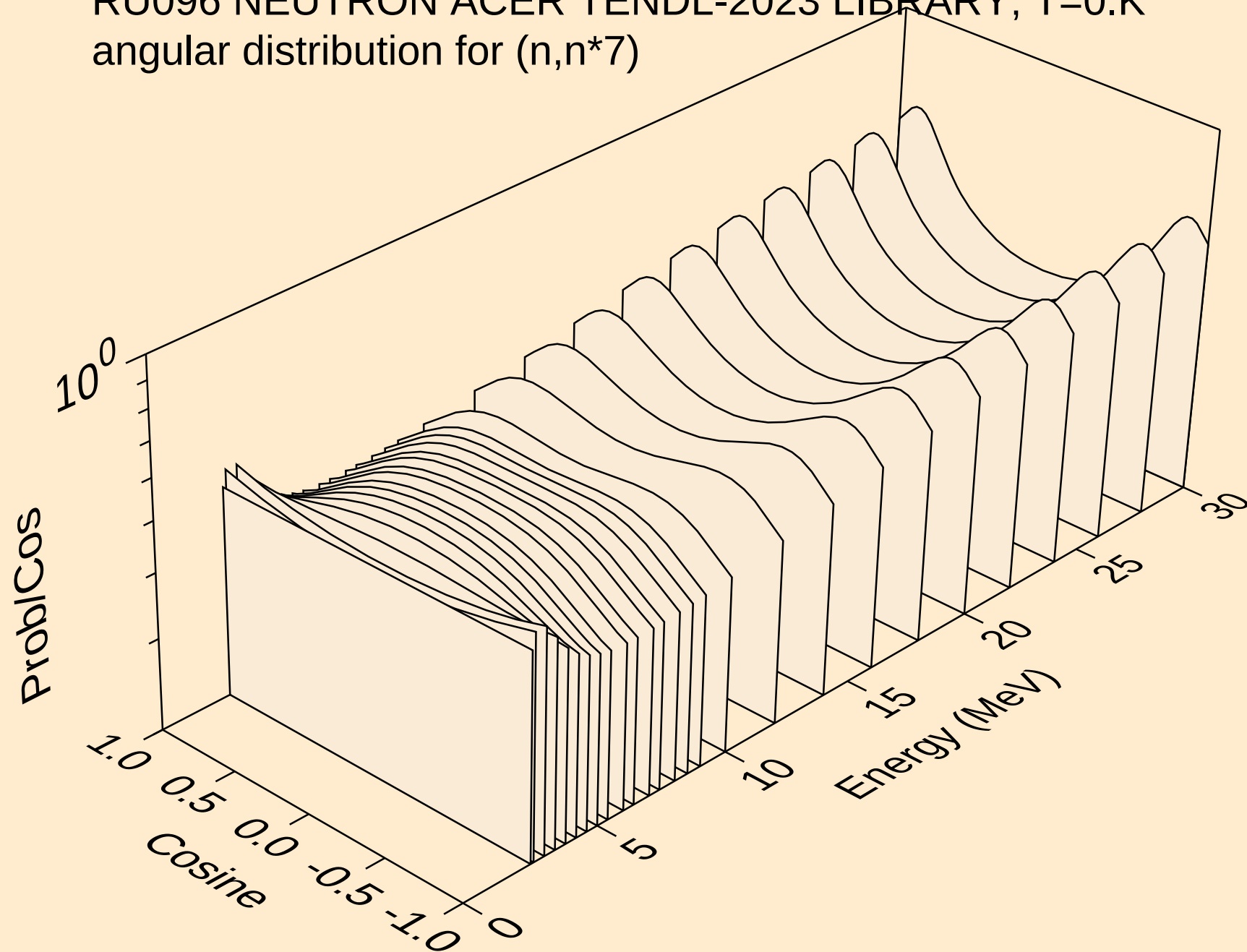
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



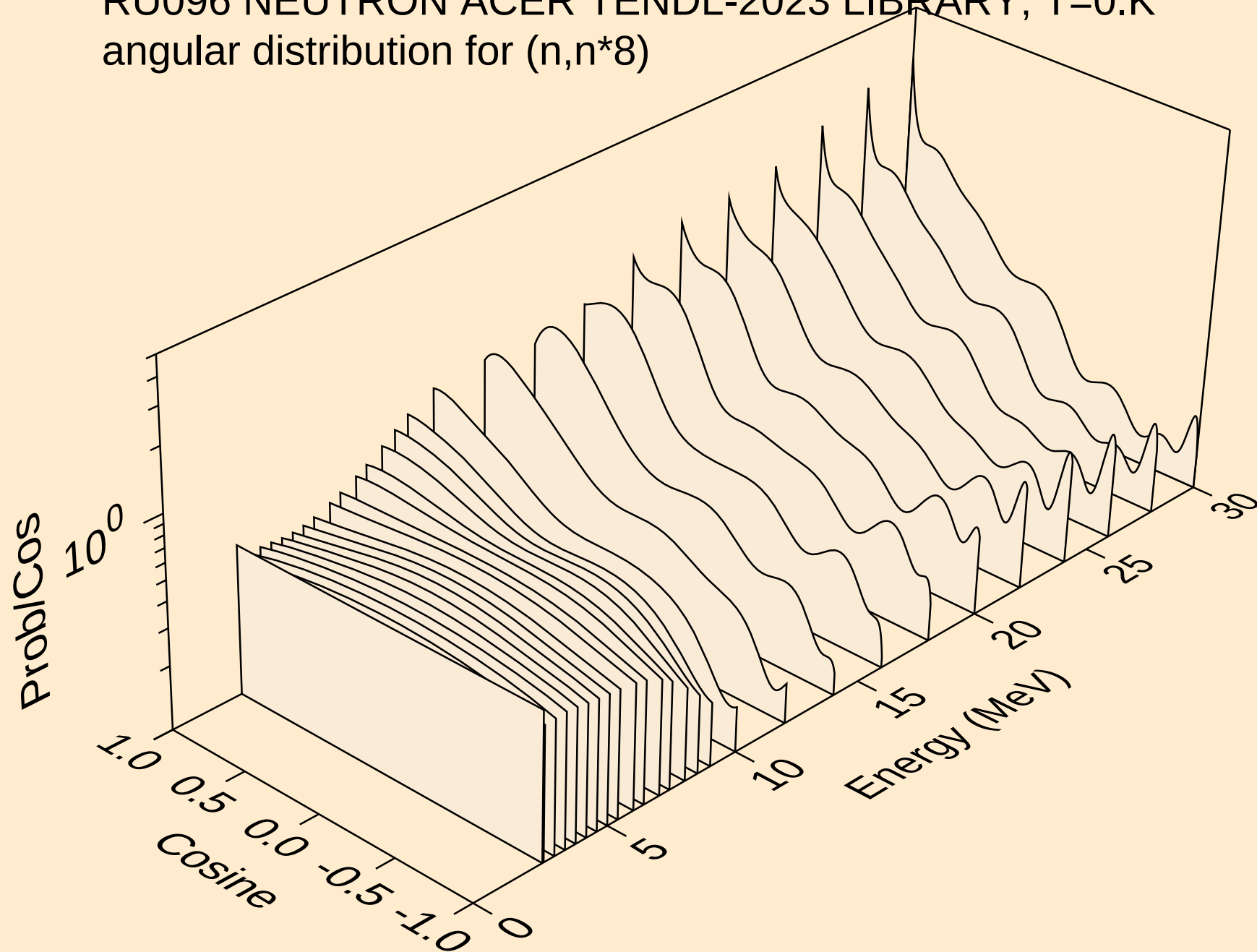
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angular distribution for (n,n\*6)



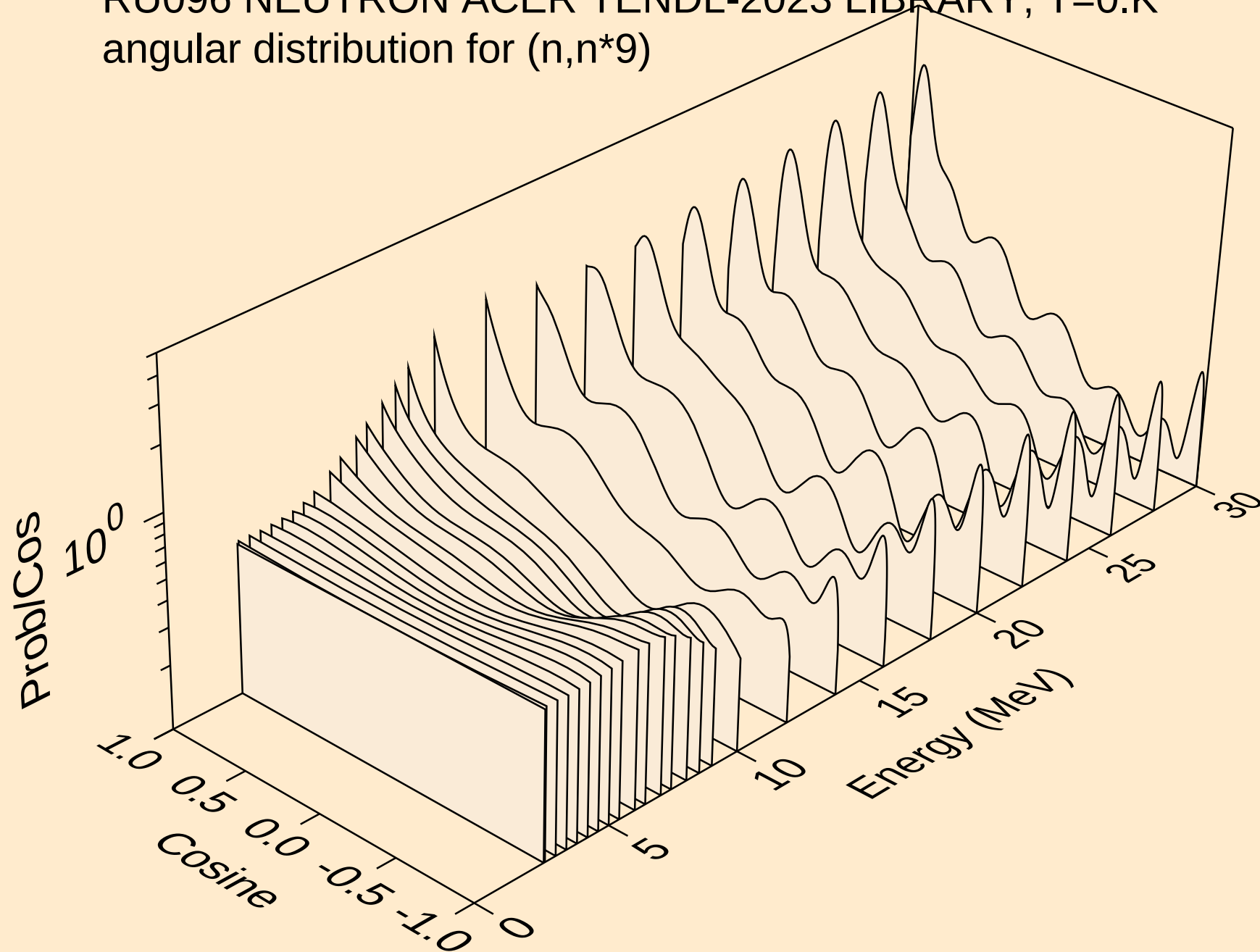
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



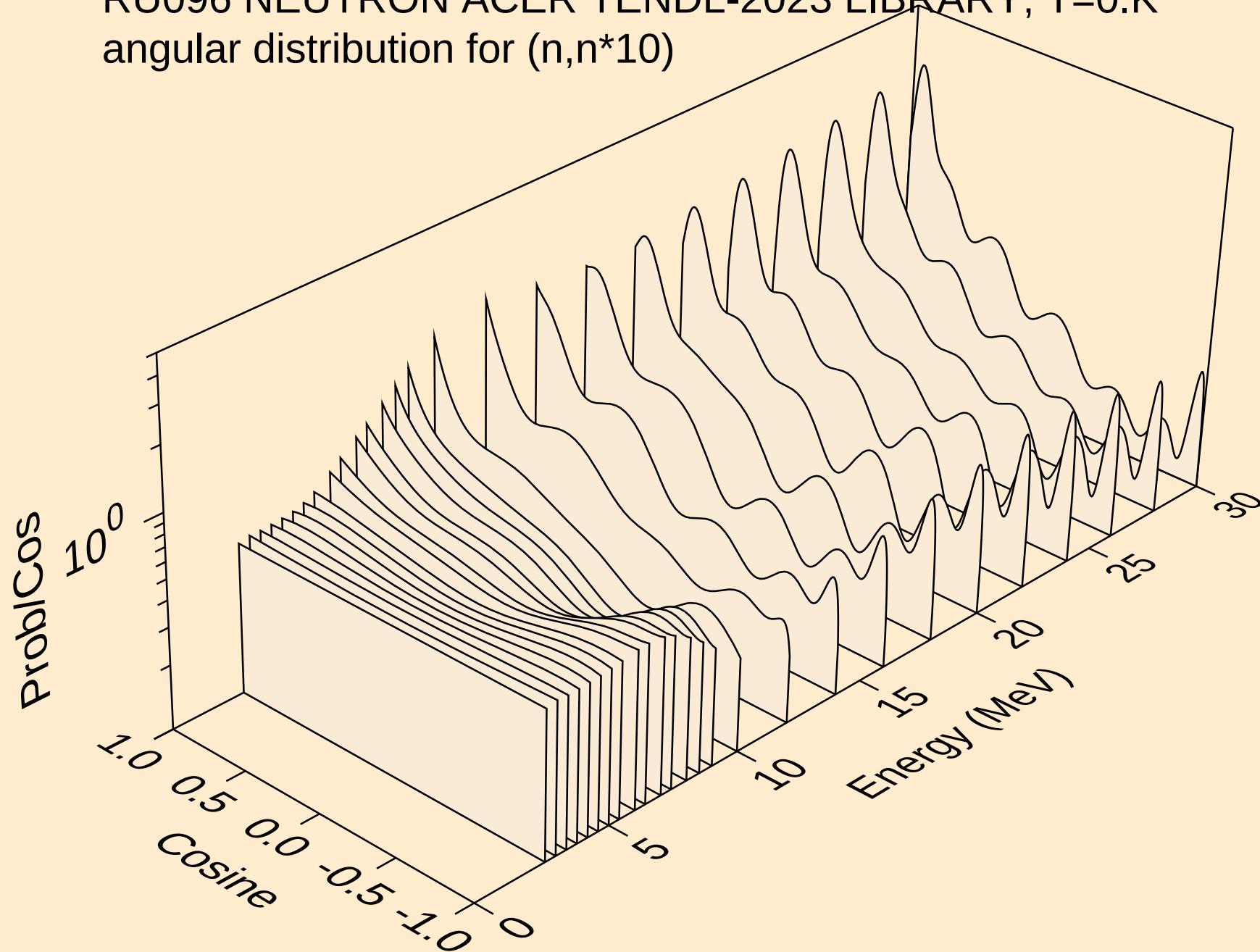
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angular distribution for (n,n\*8)



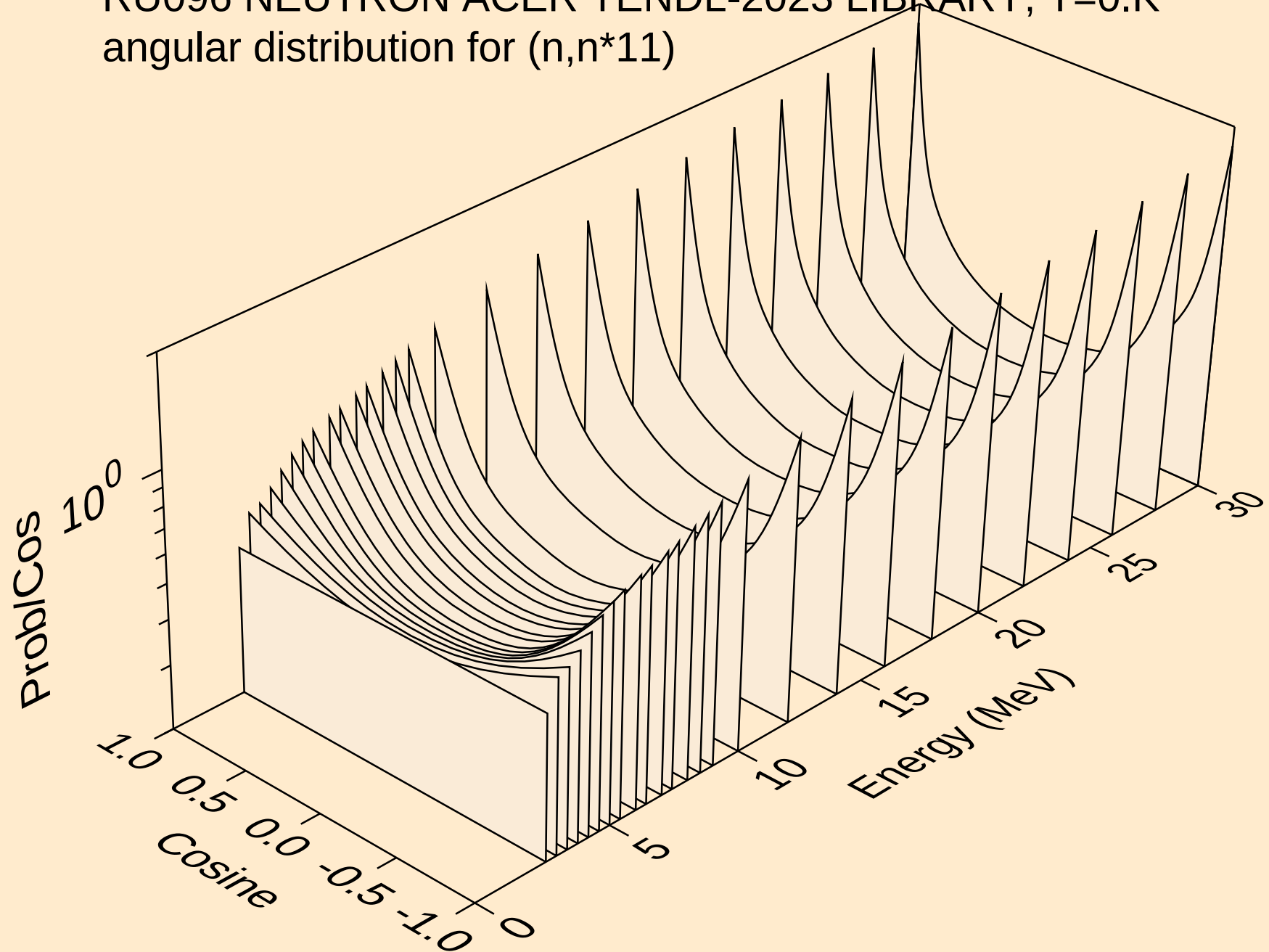
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



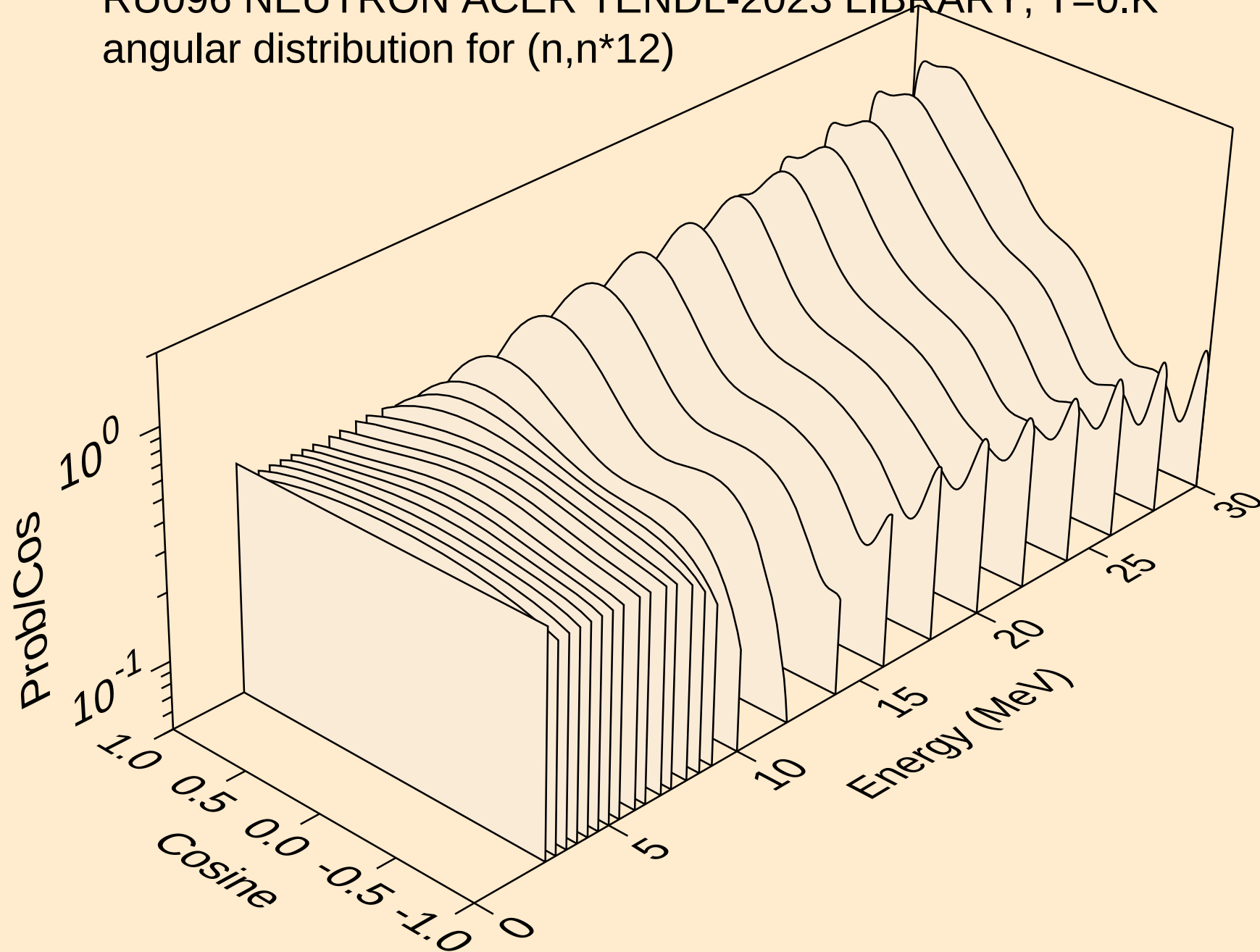
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



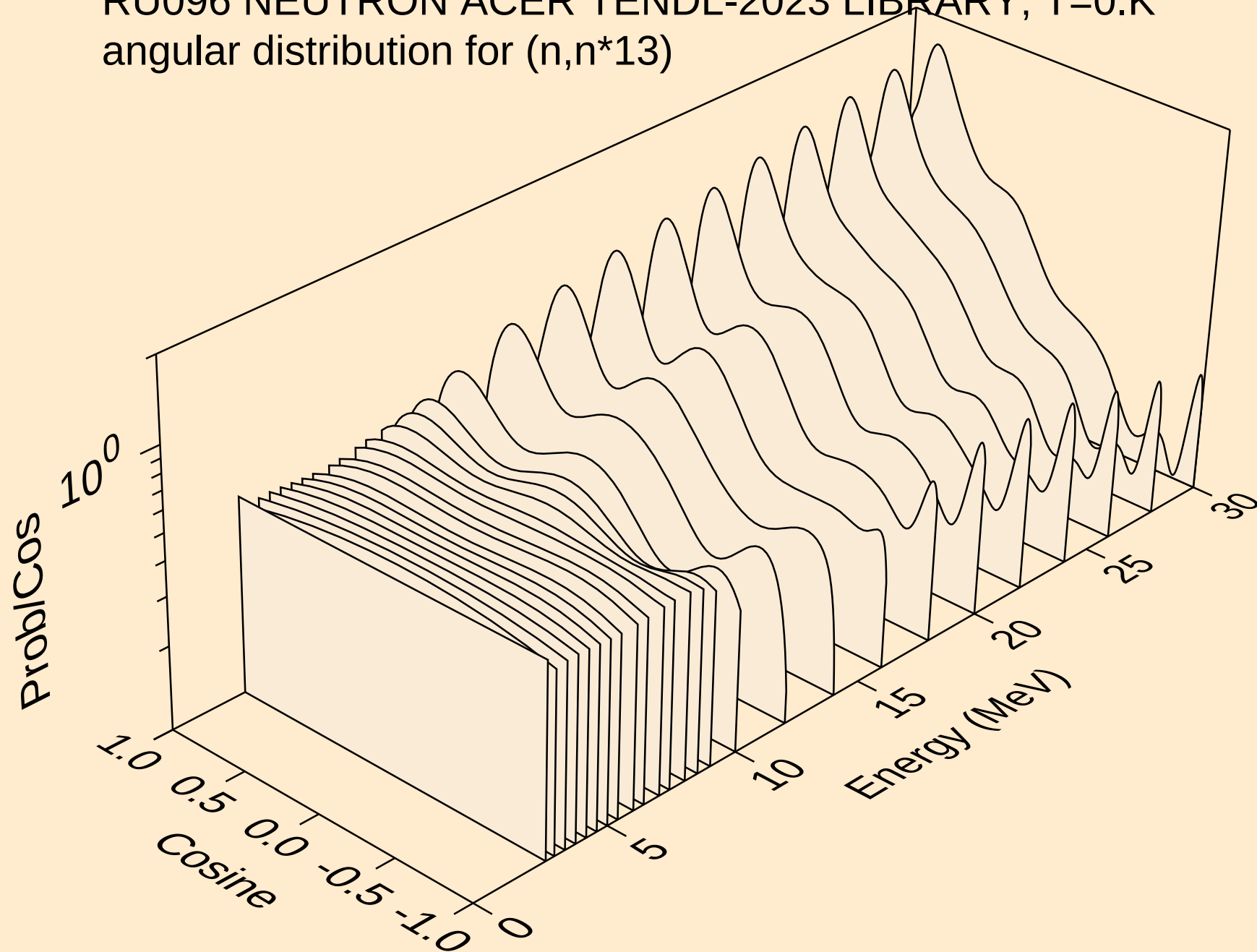
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angular distribution for (n,n\*11)



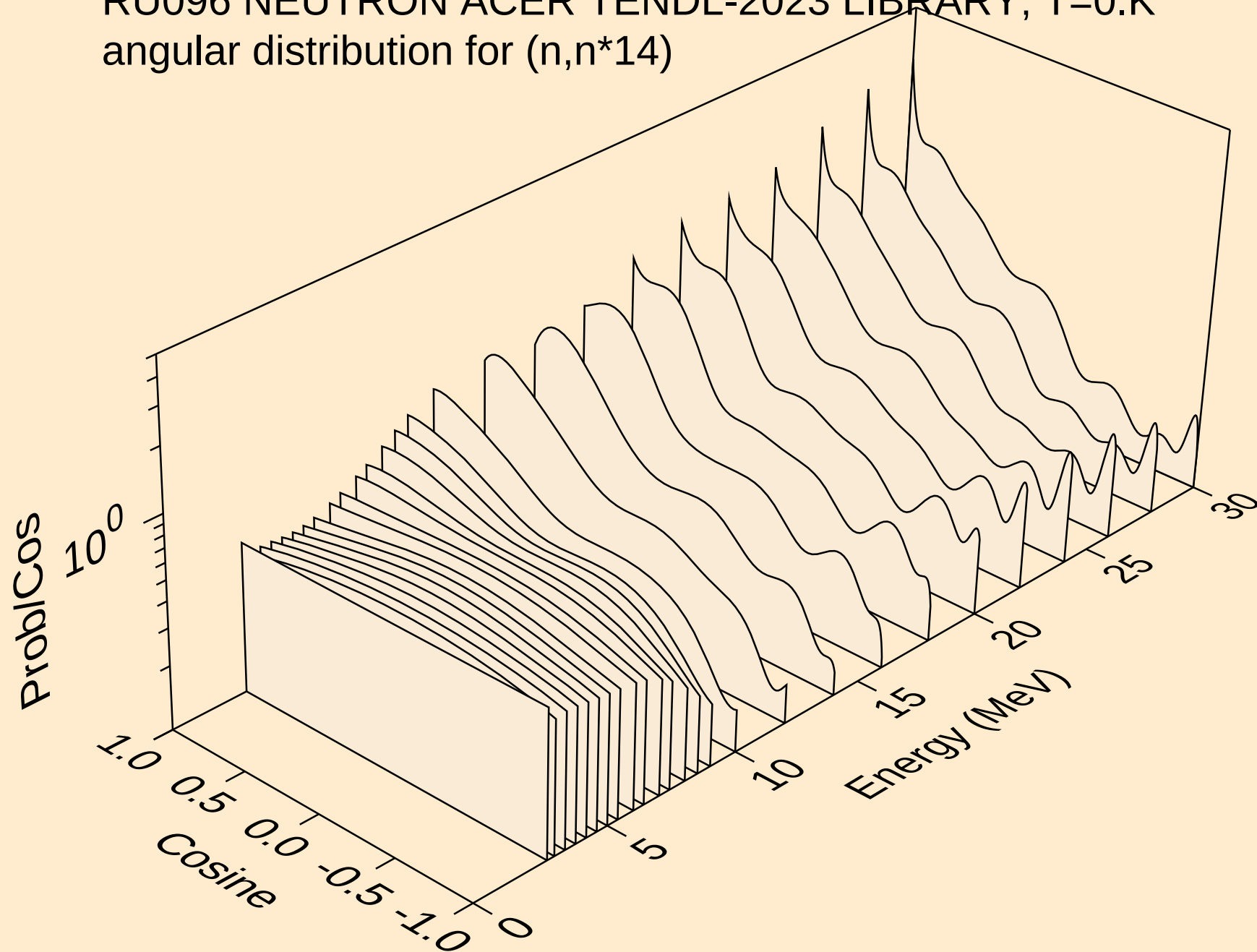
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angular distribution for (n,n\*12)



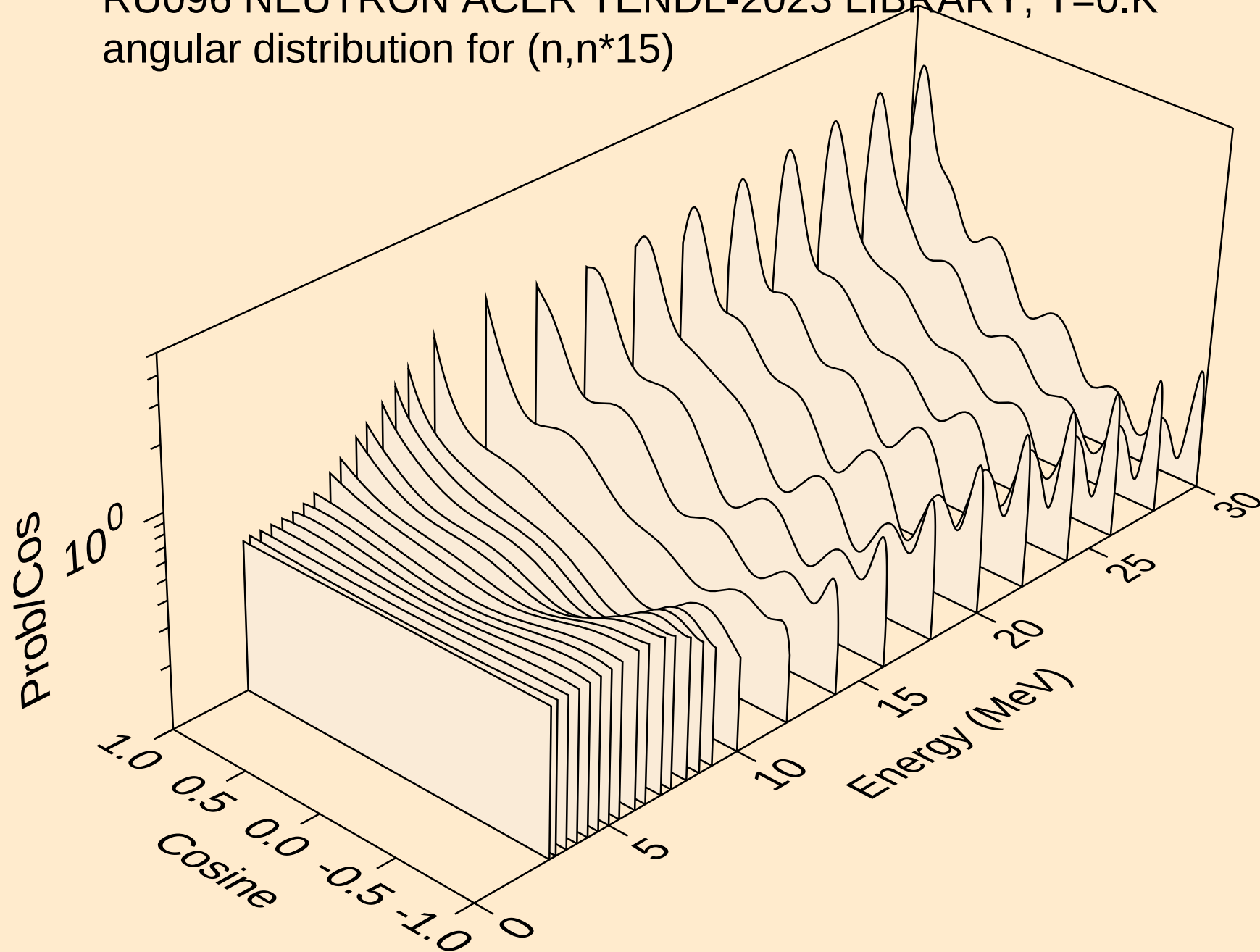
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angular distribution for (n,n\*13)



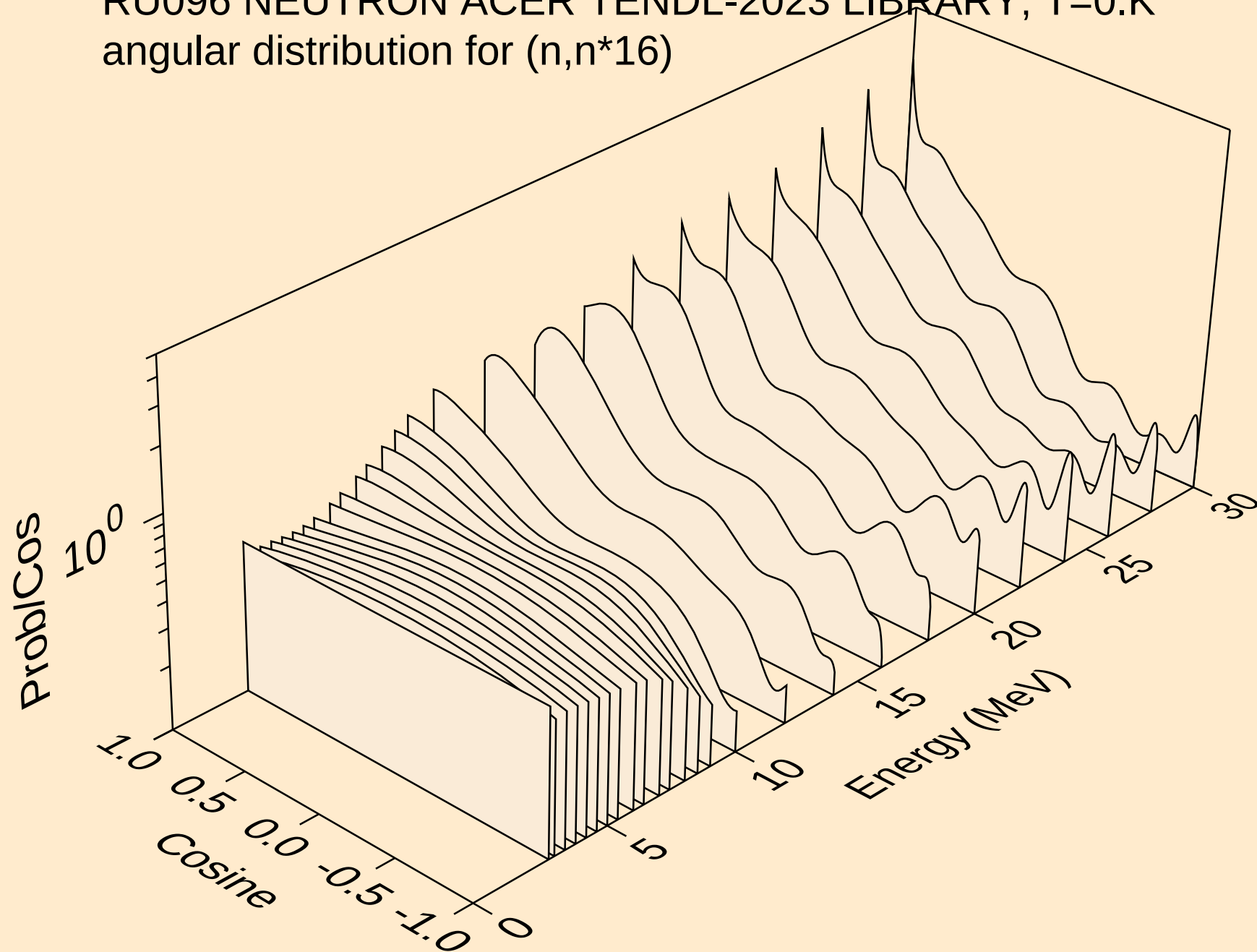
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



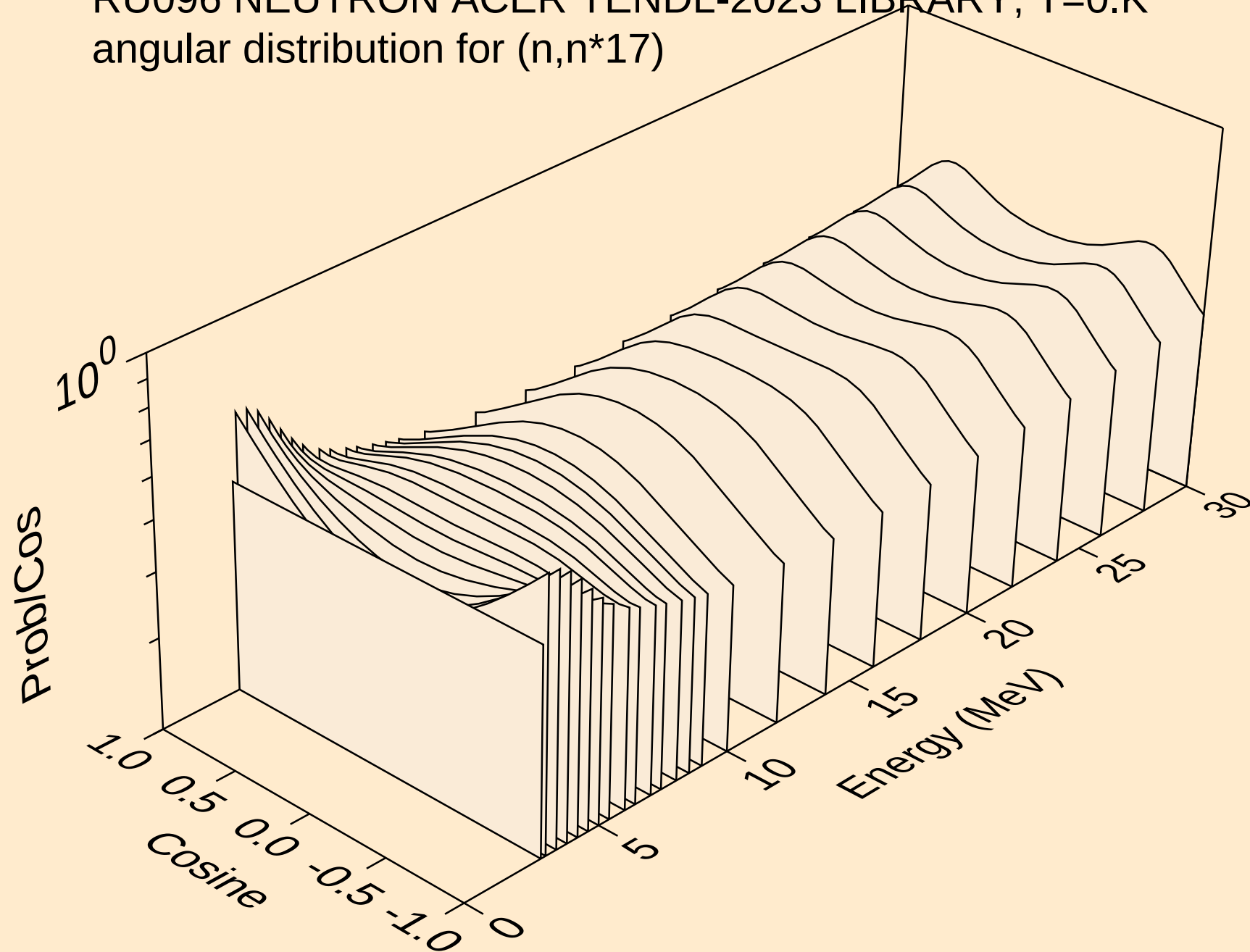
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



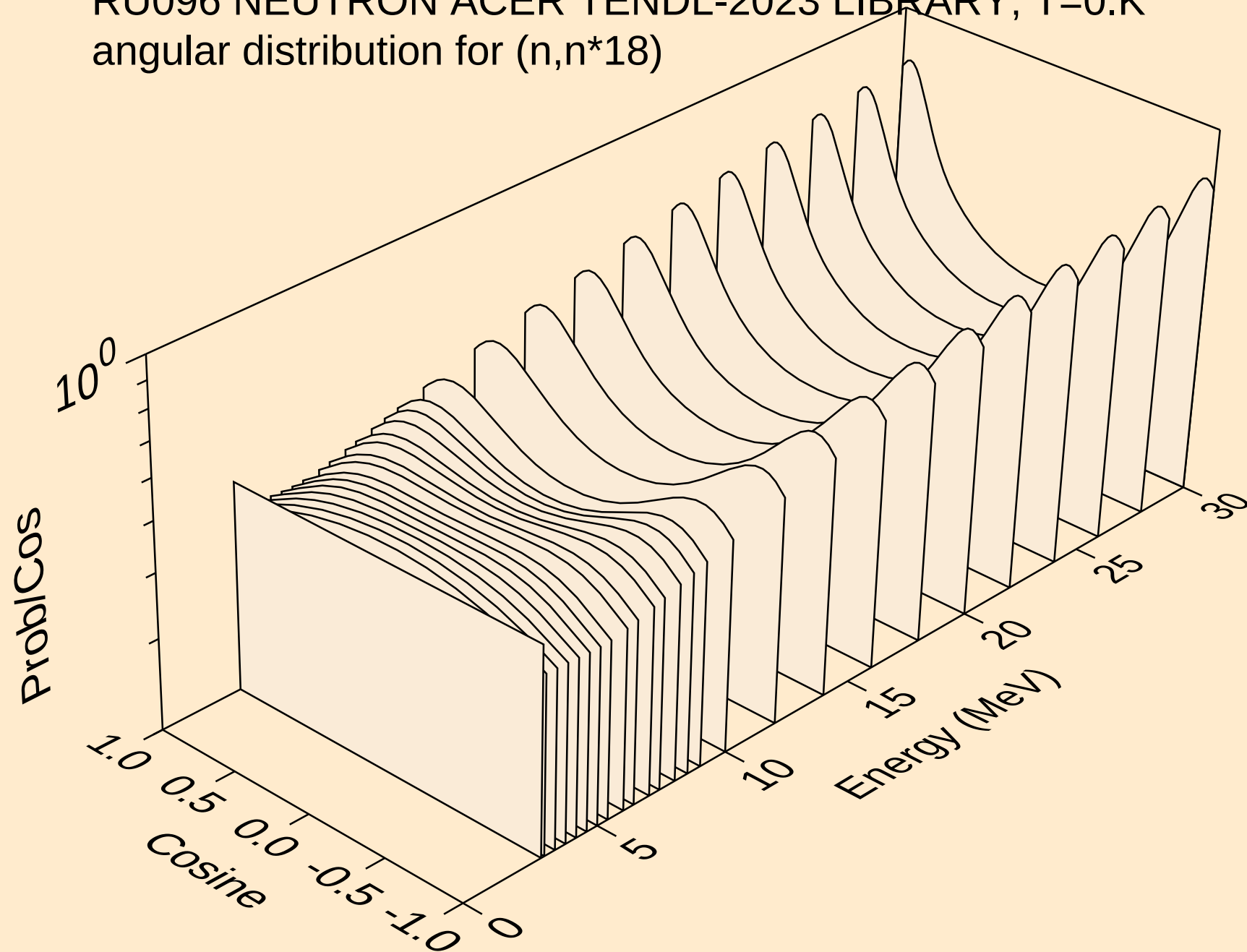
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



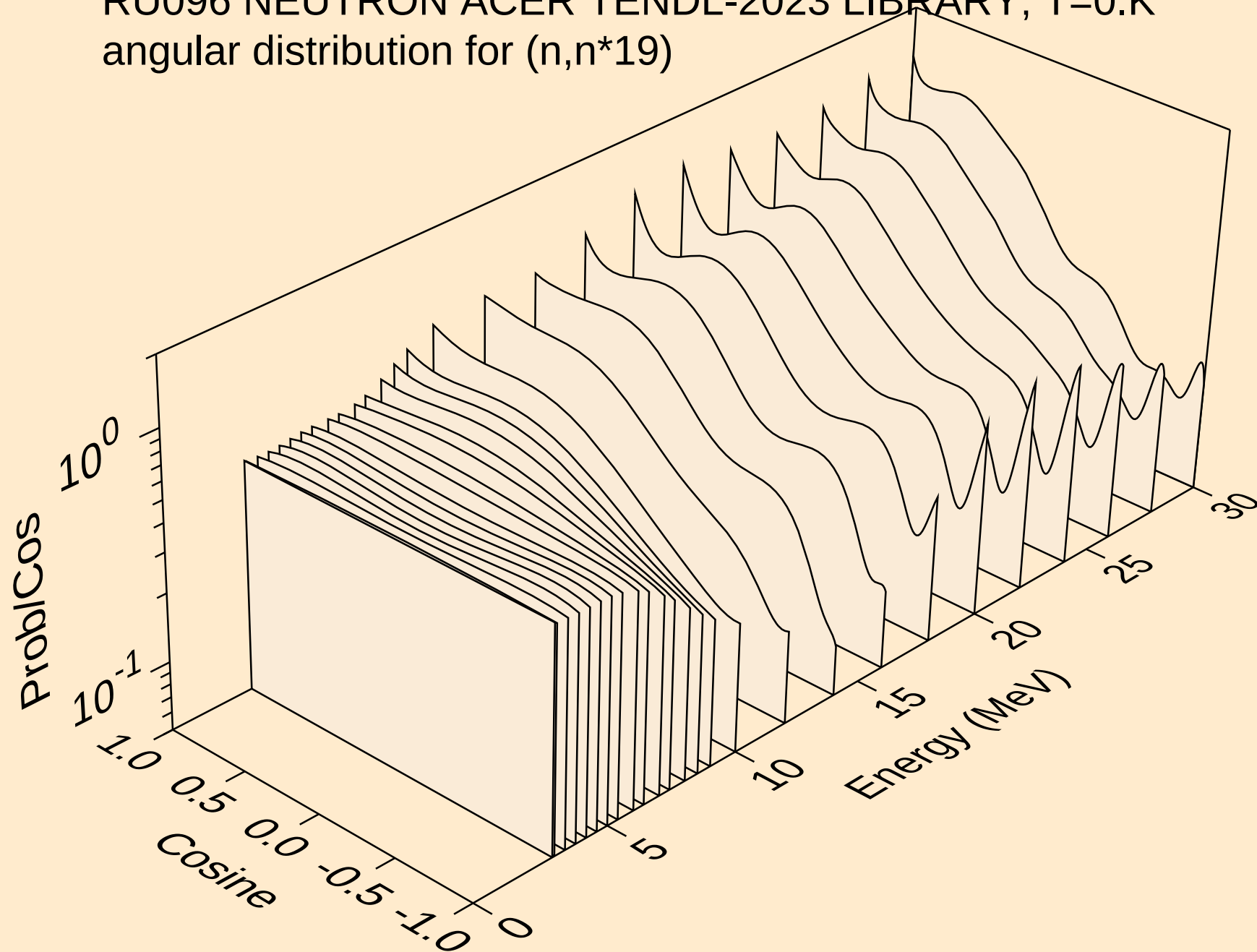
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angular distribution for (n,n\*17)



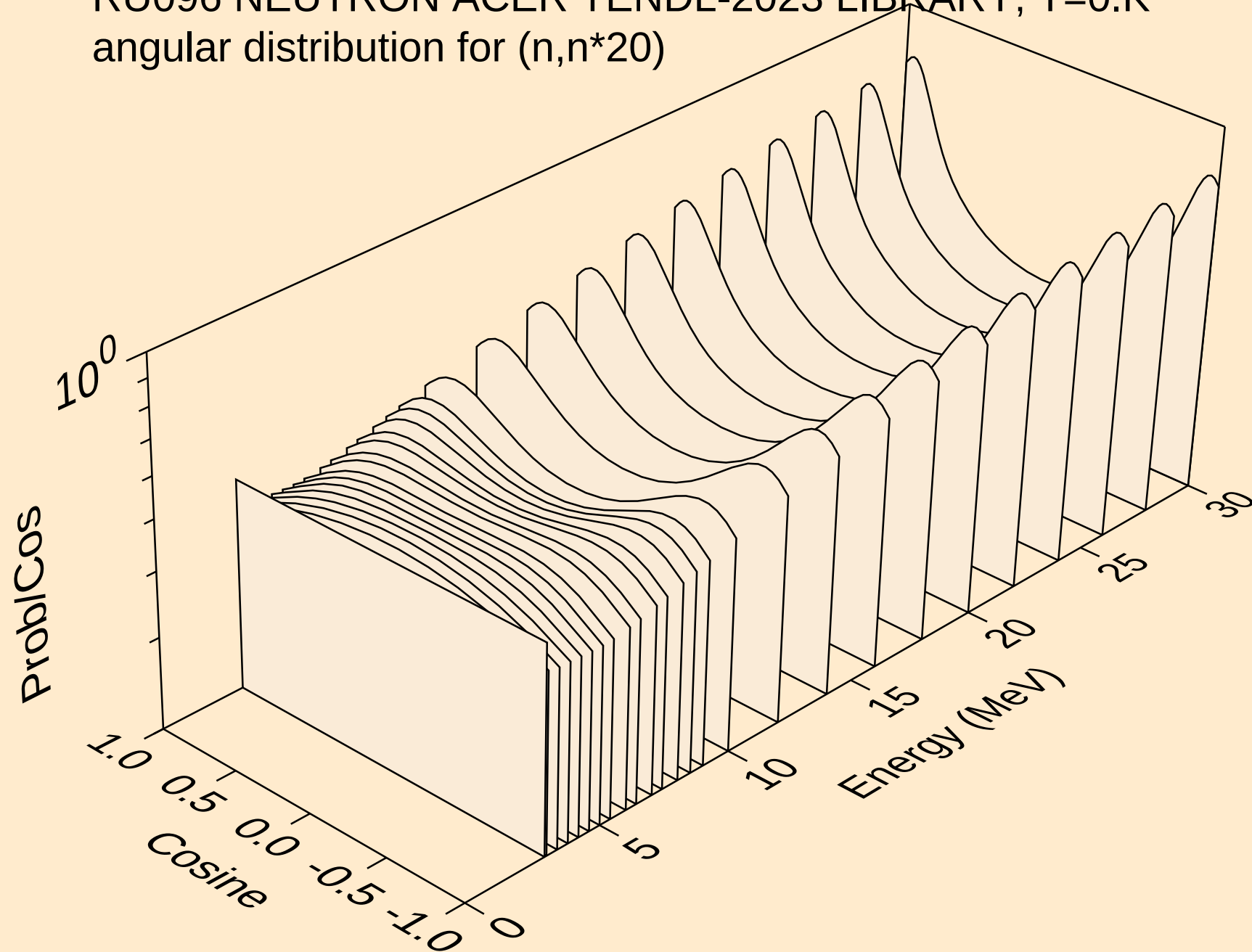
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angular distribution for (n,n\*18)



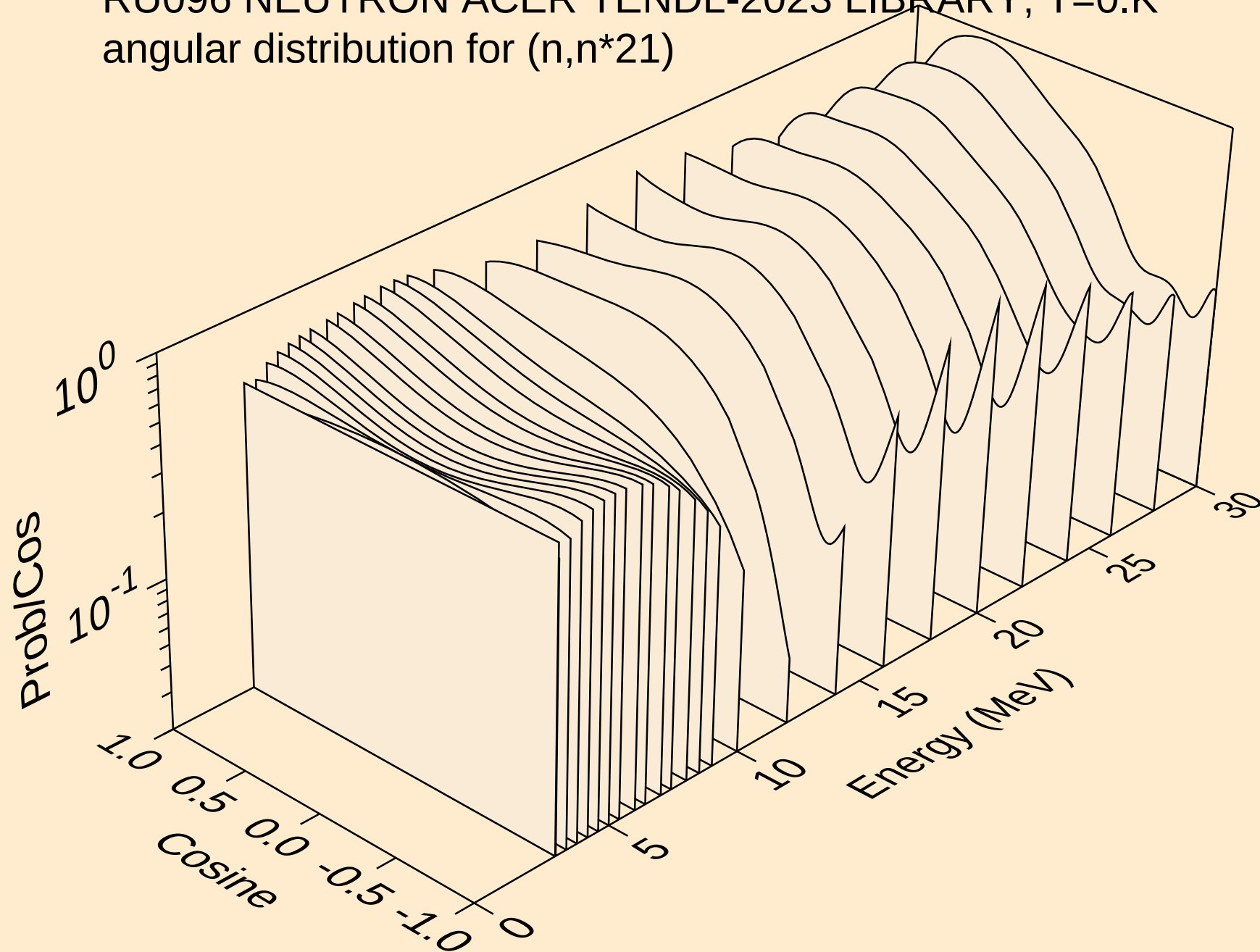
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angular distribution for (n,n\*19)



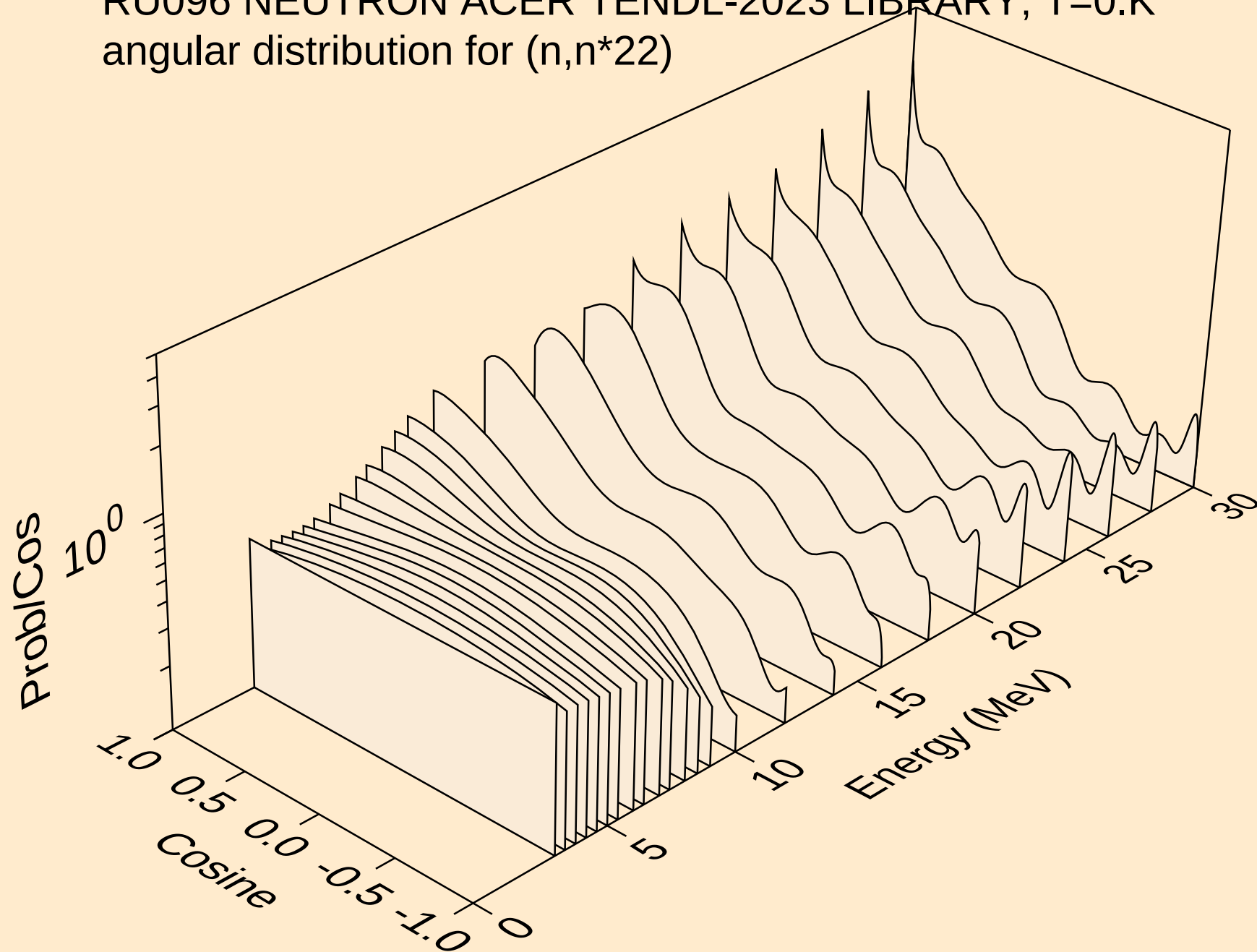
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



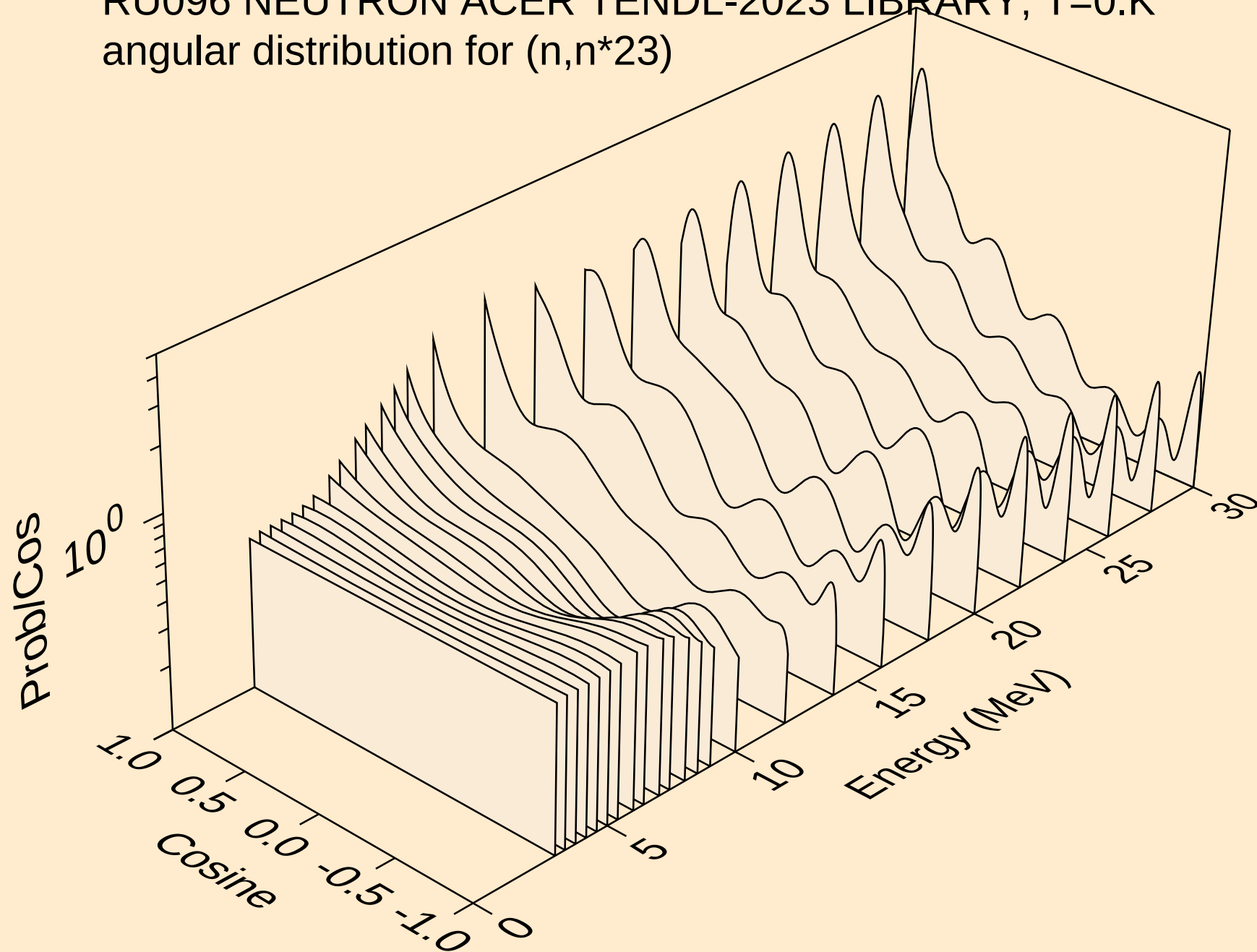
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angular distribution for (n,n\*21)



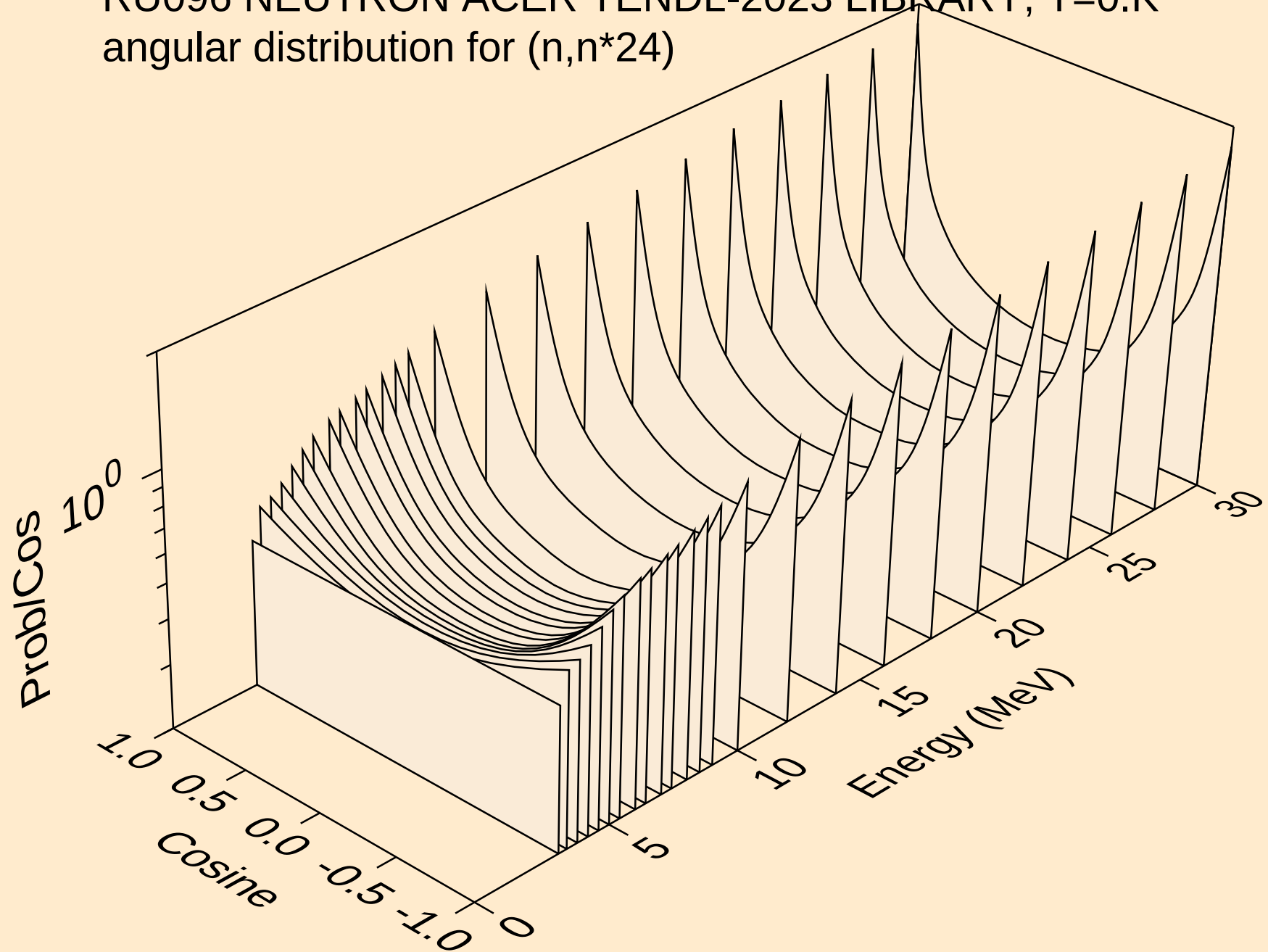
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angular distribution for (n,n\*22)



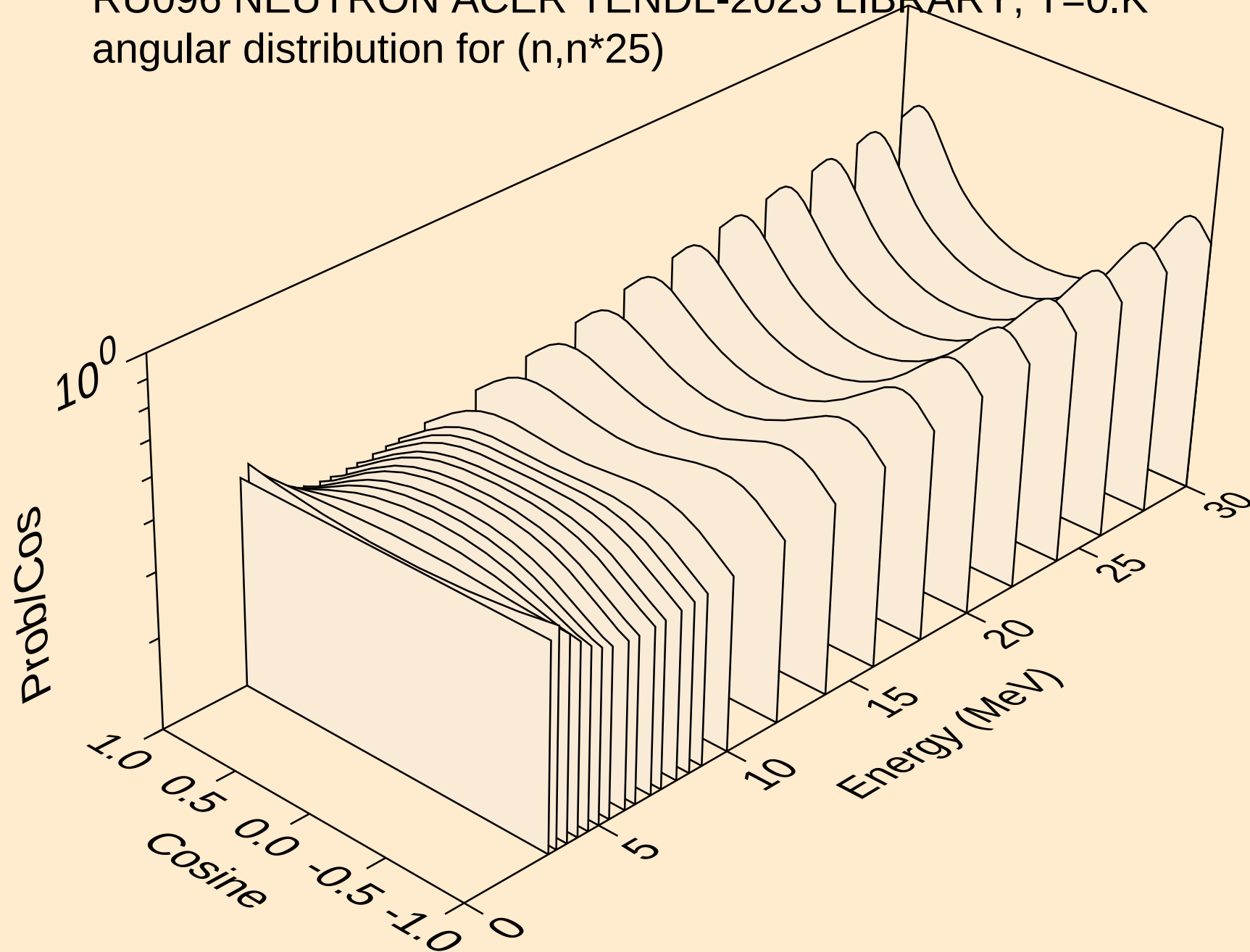
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angular distribution for (n,n\*23)



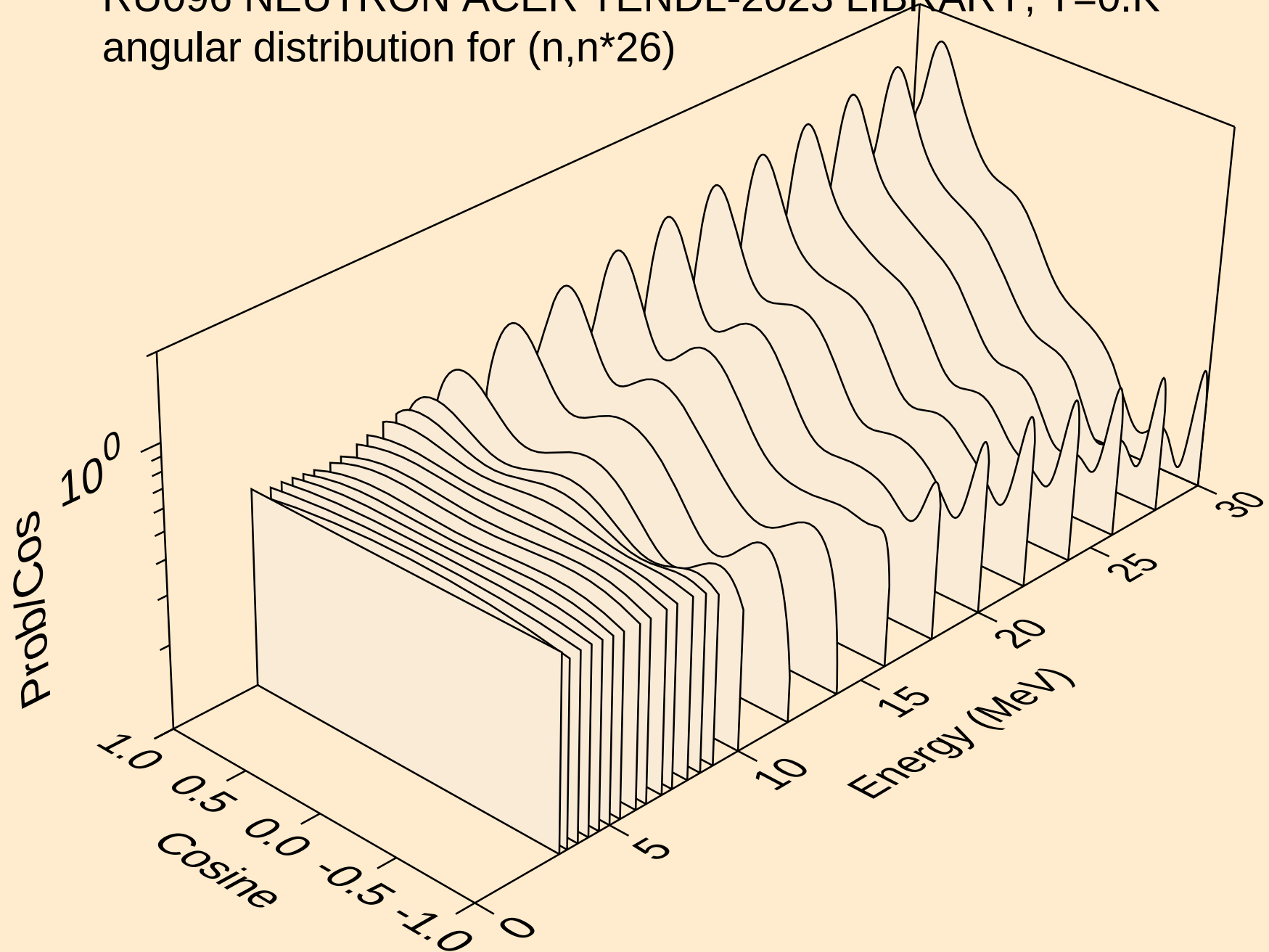
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



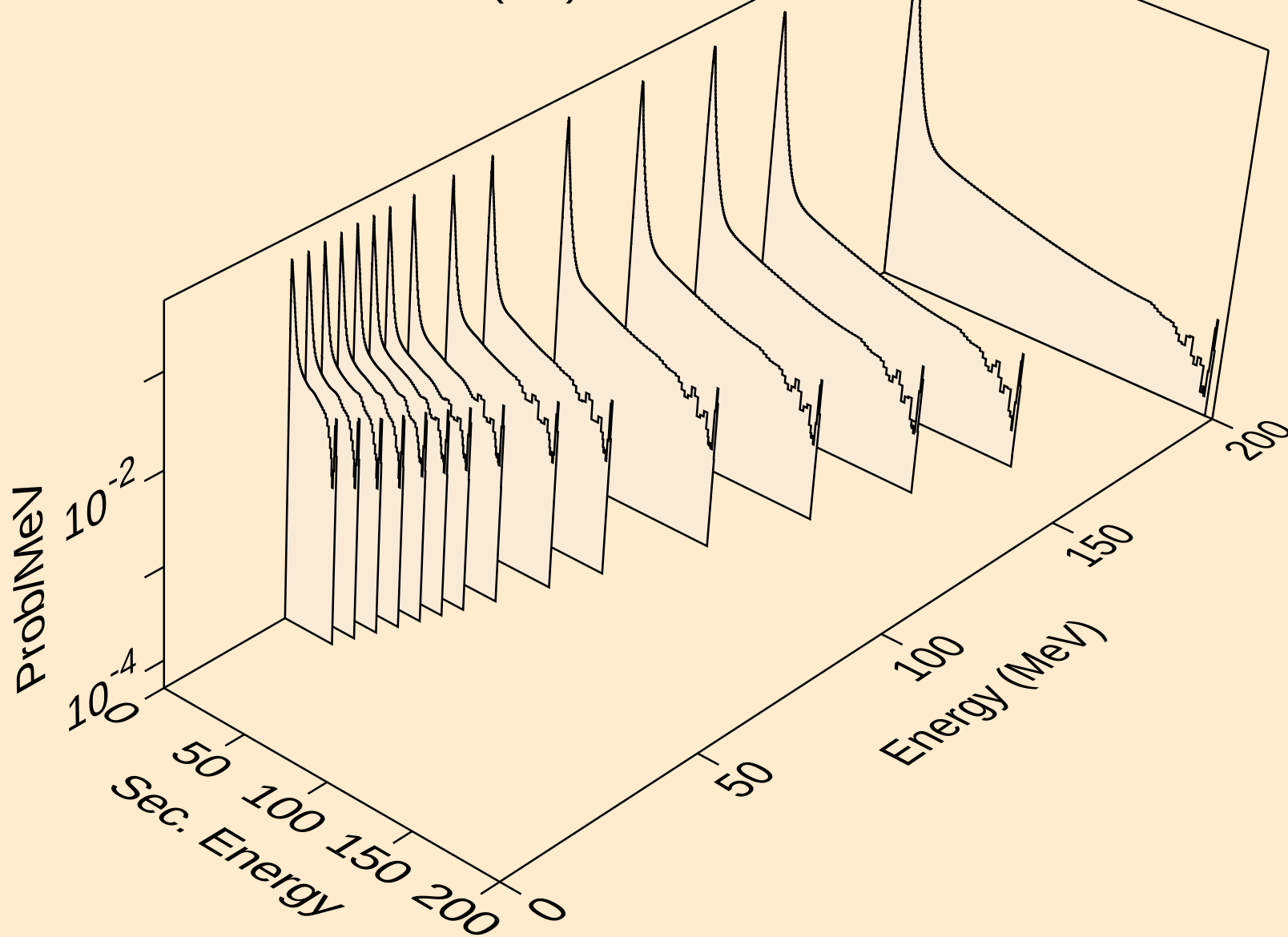
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



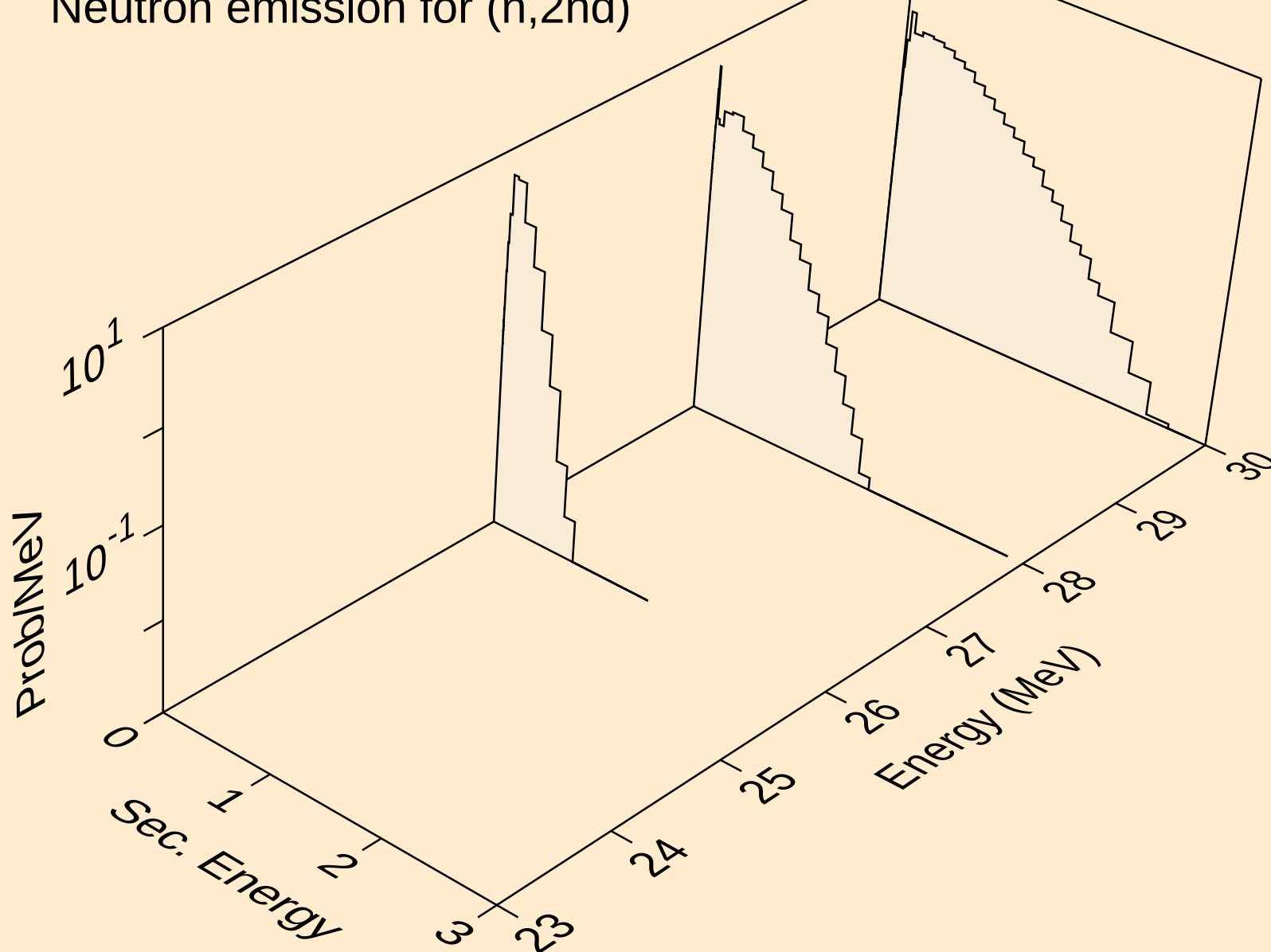
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



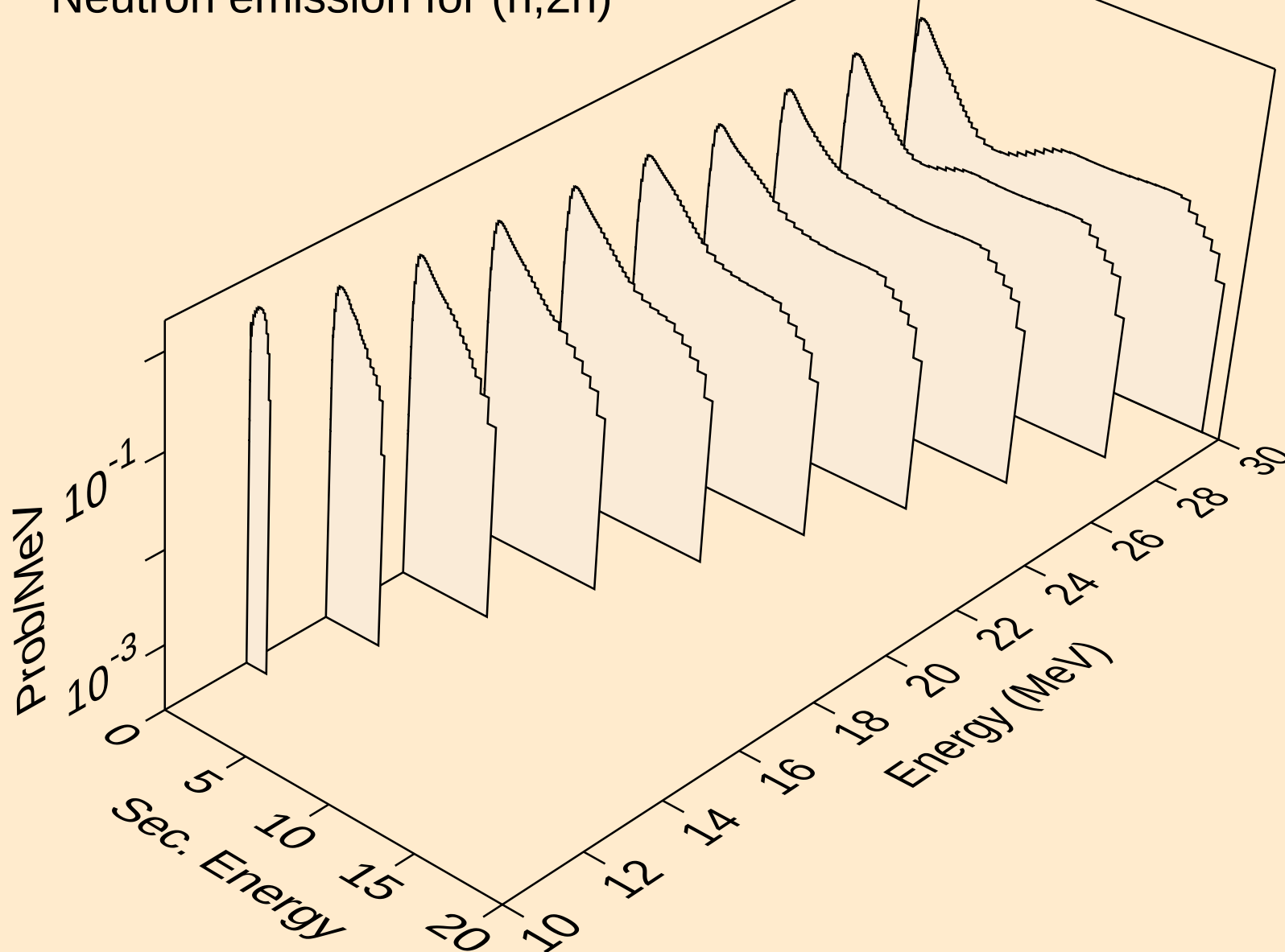
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



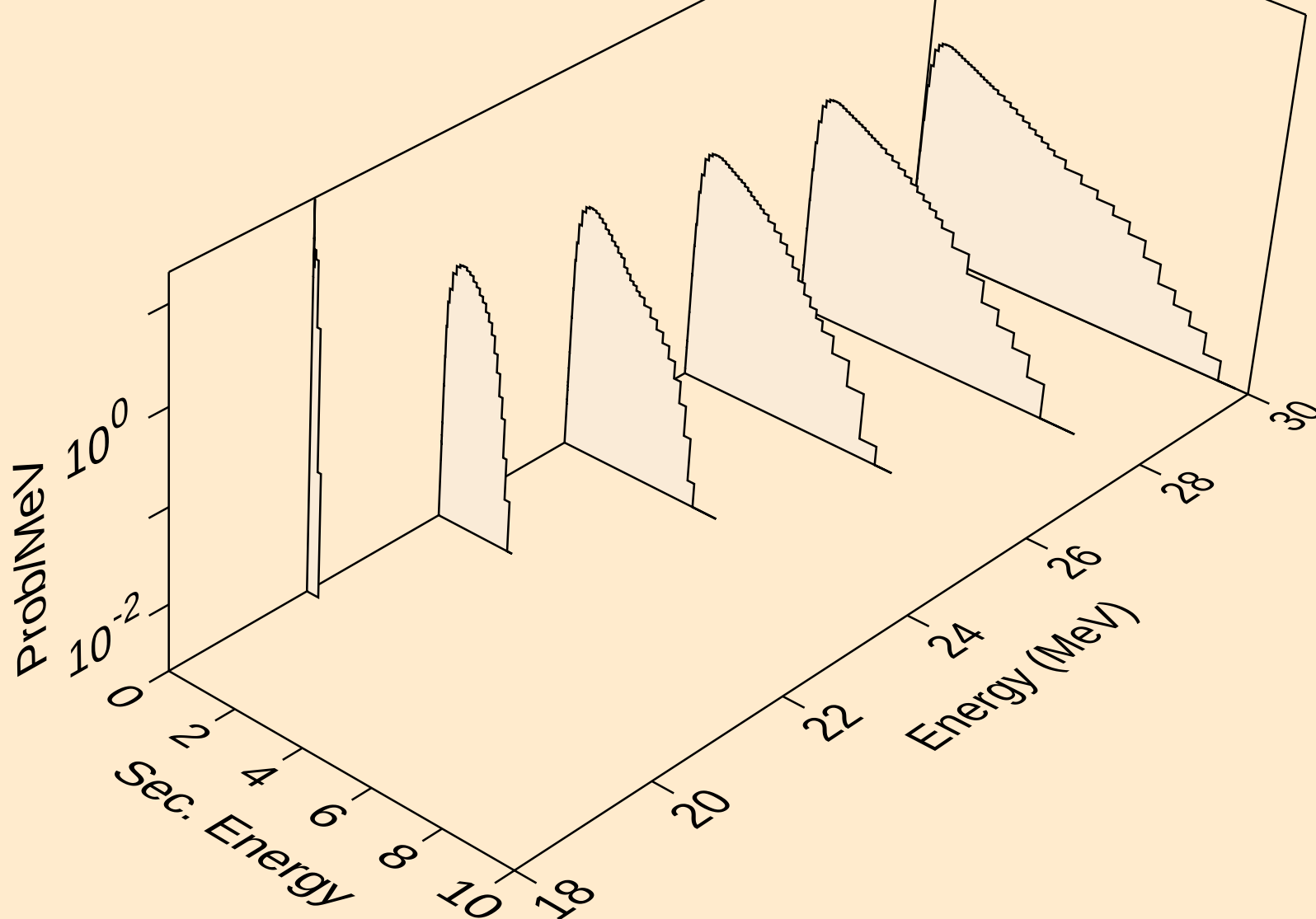
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



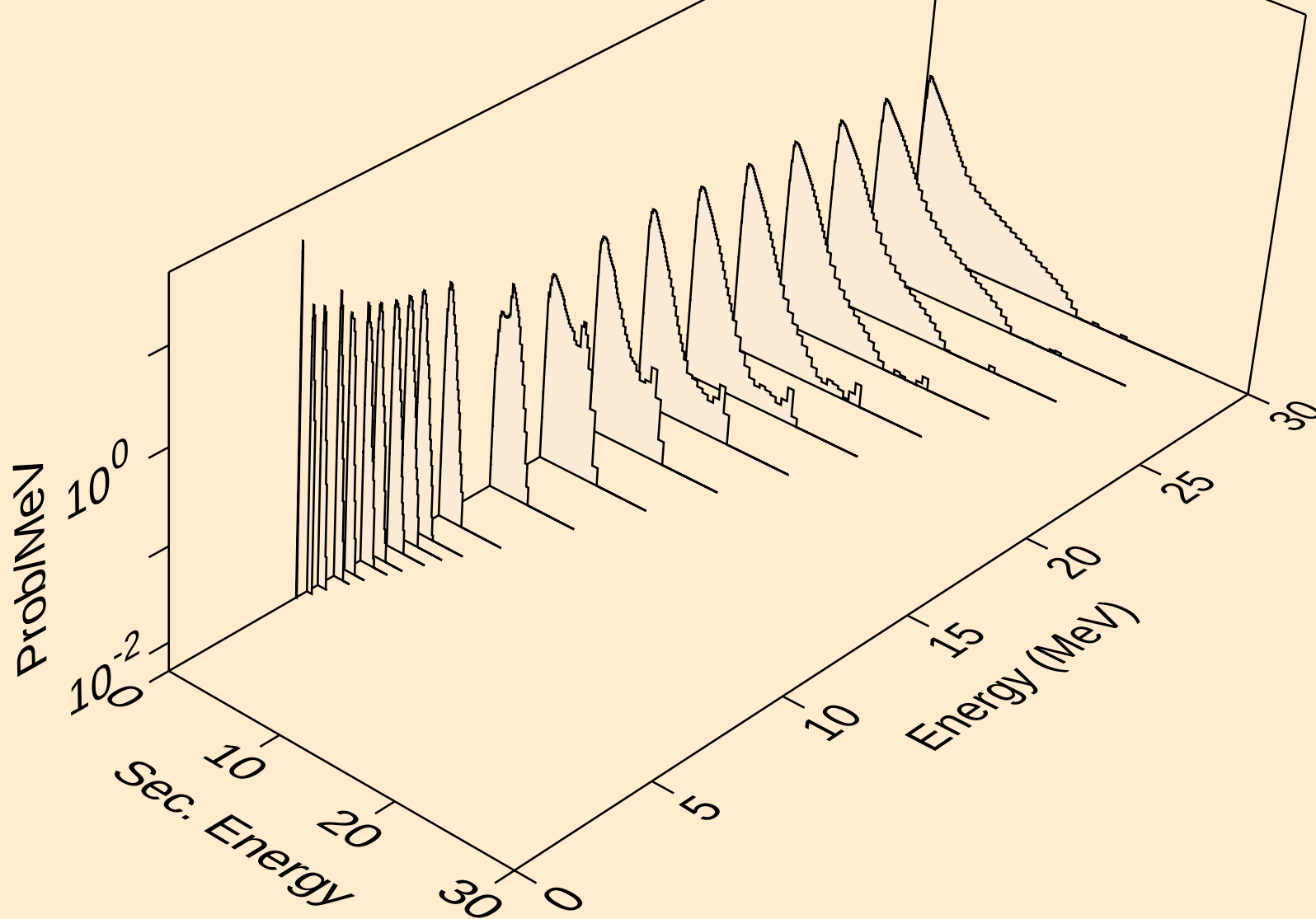
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



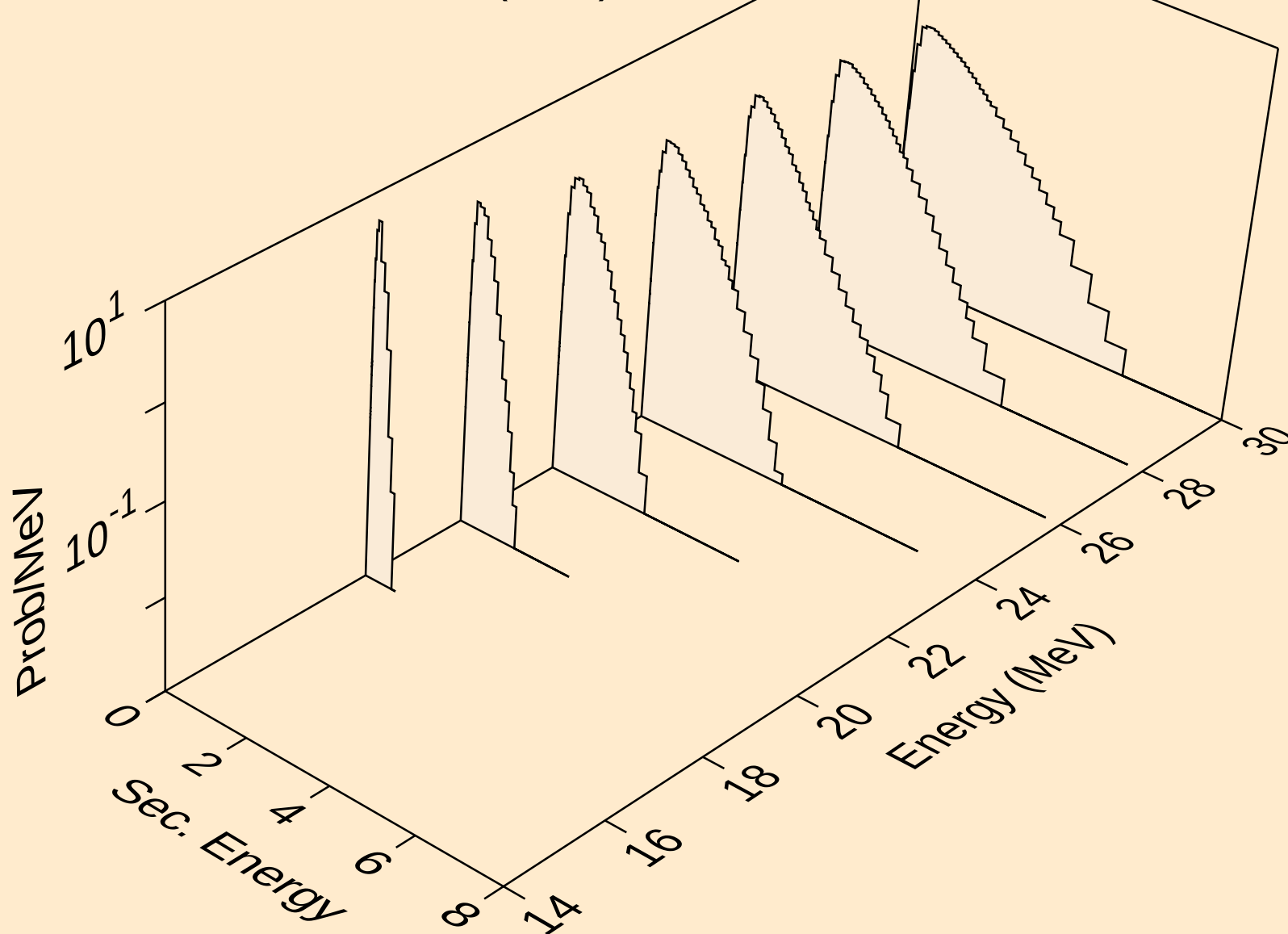
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



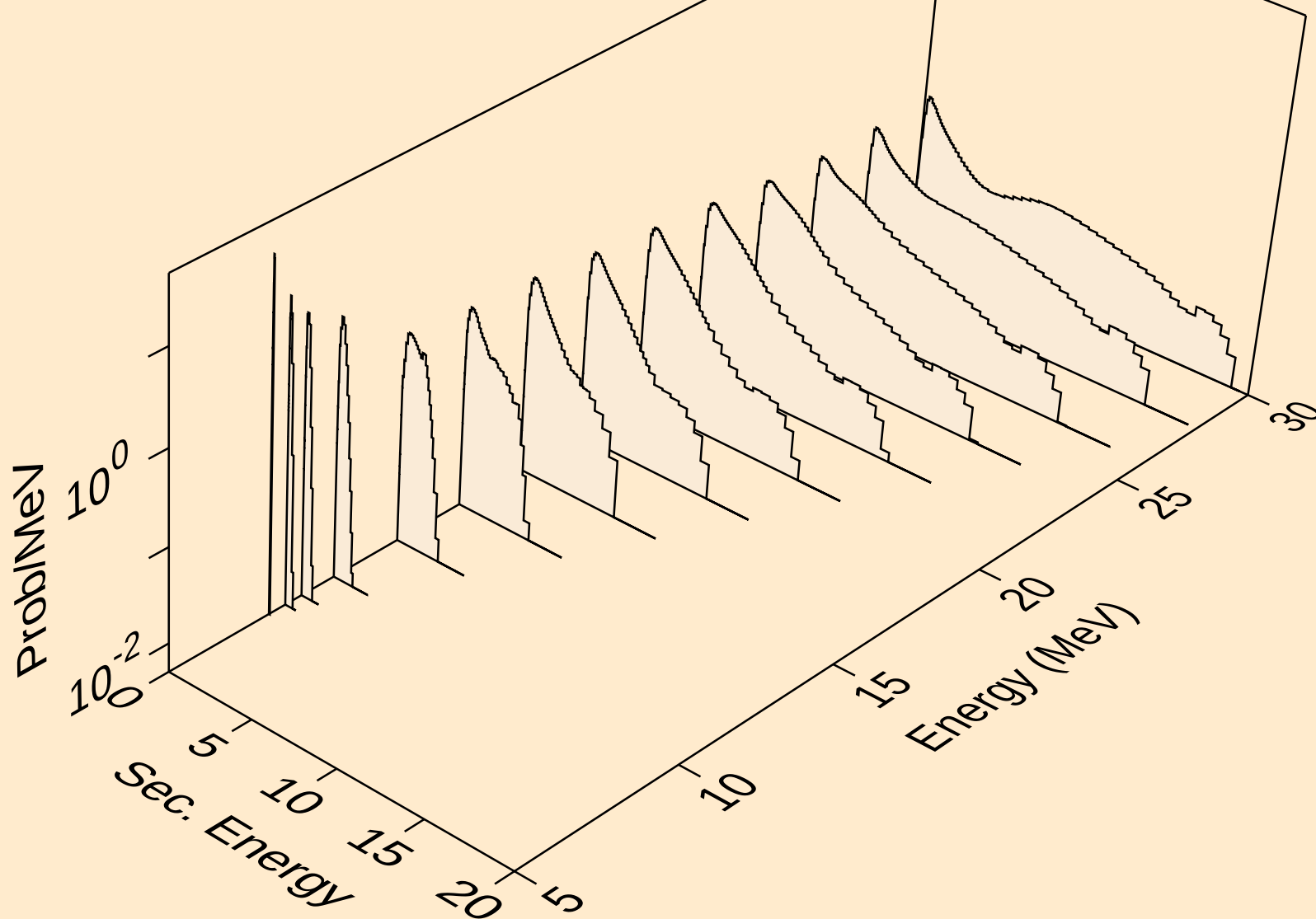
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



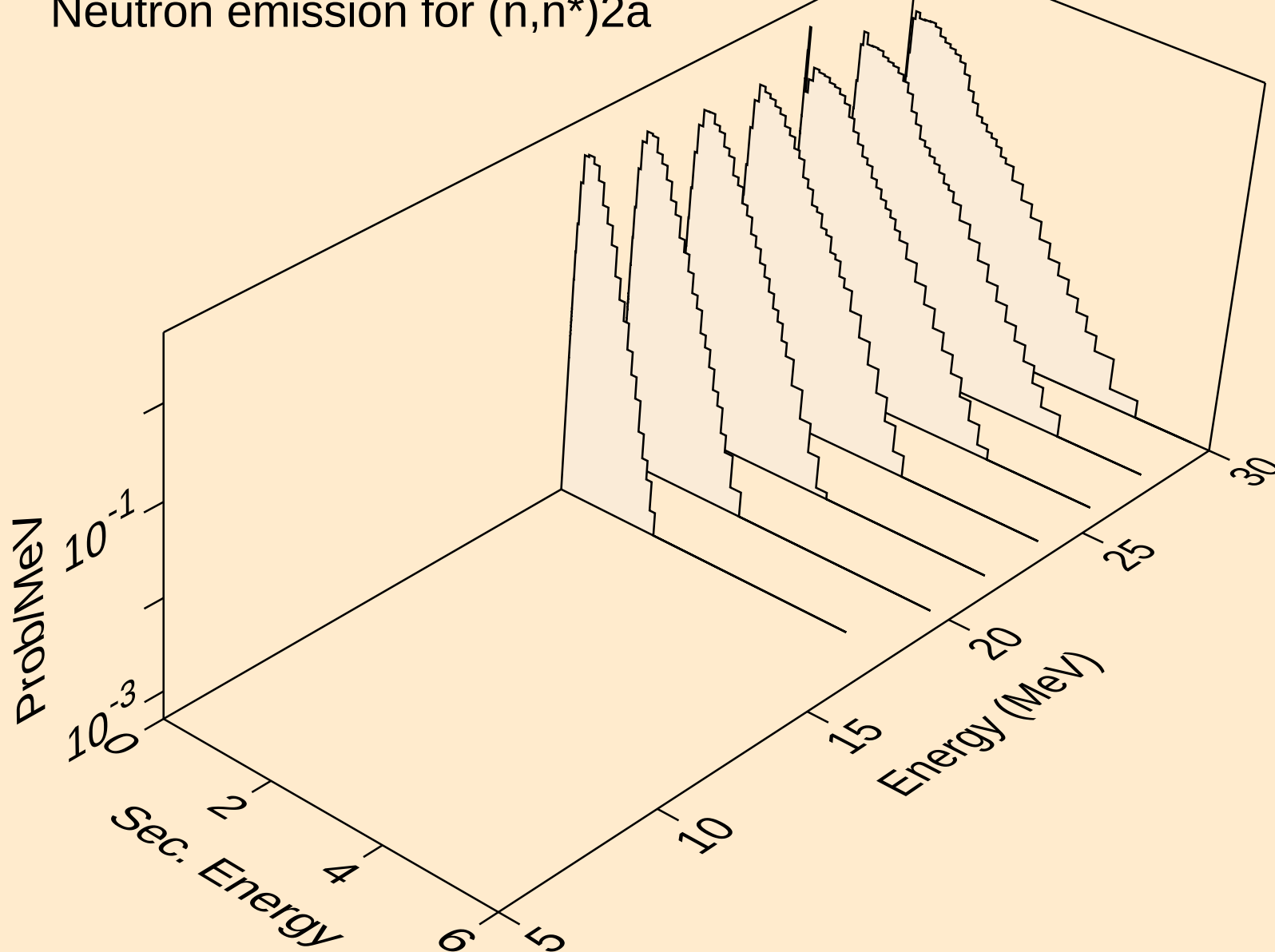
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>



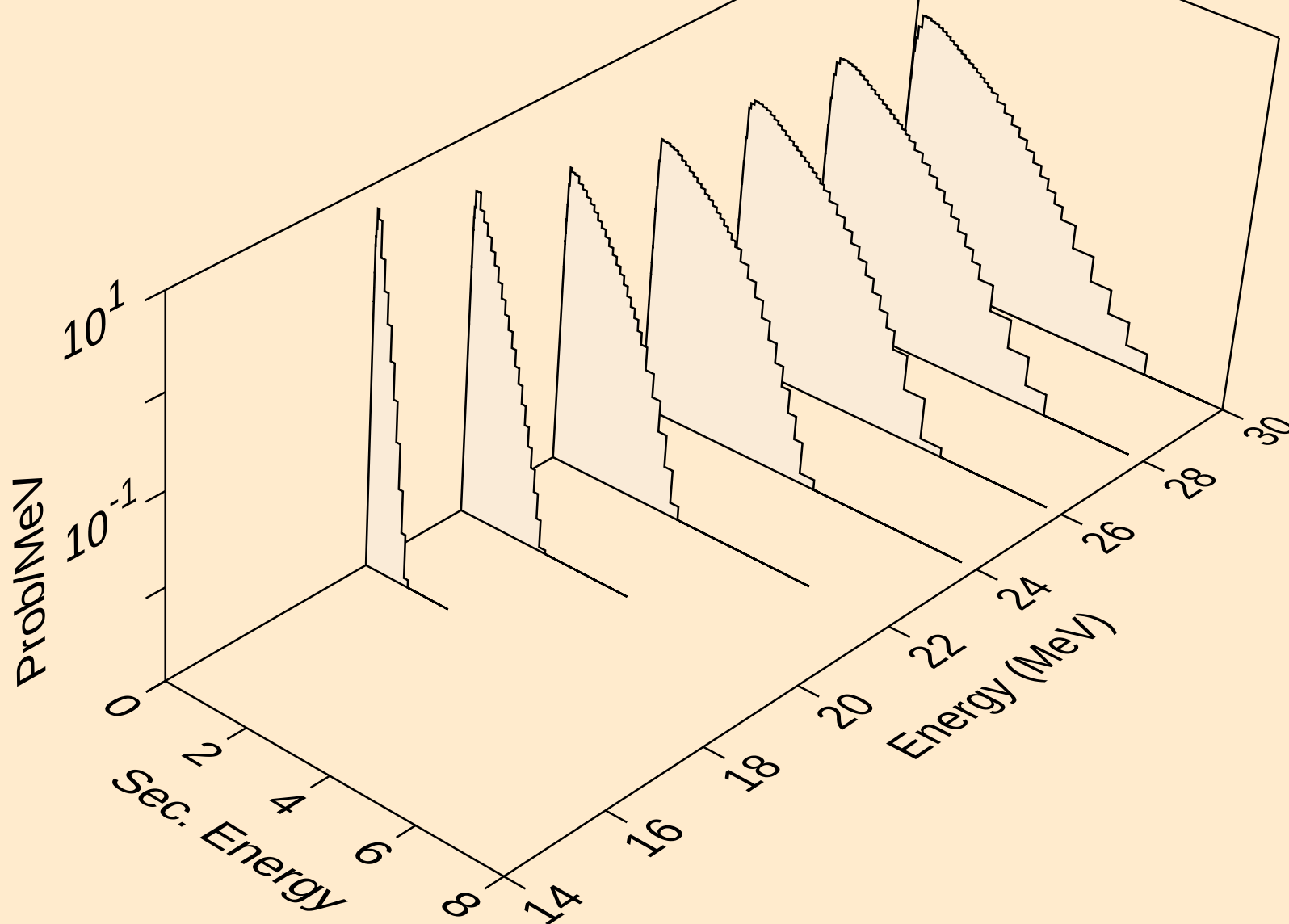
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



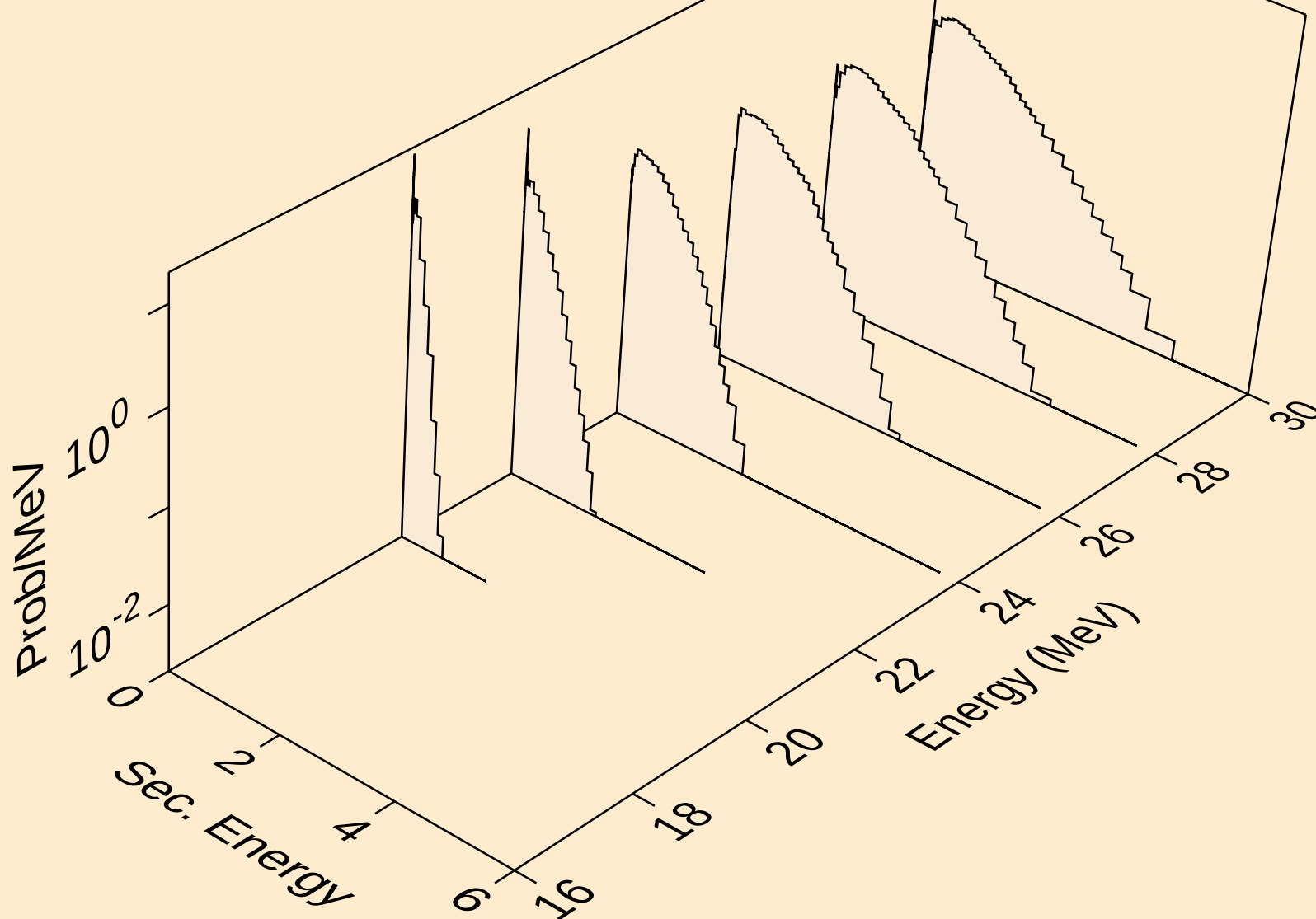
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



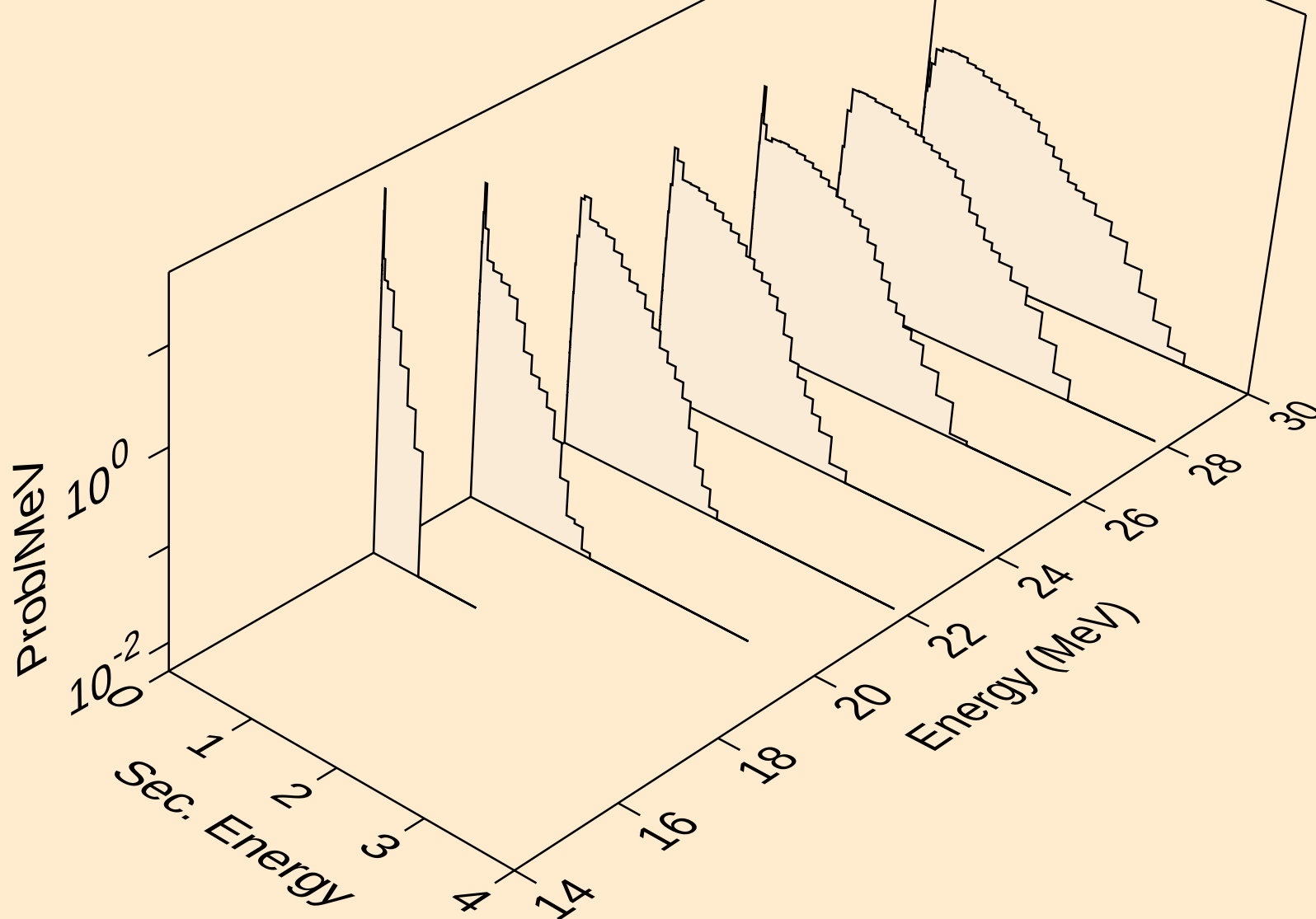
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



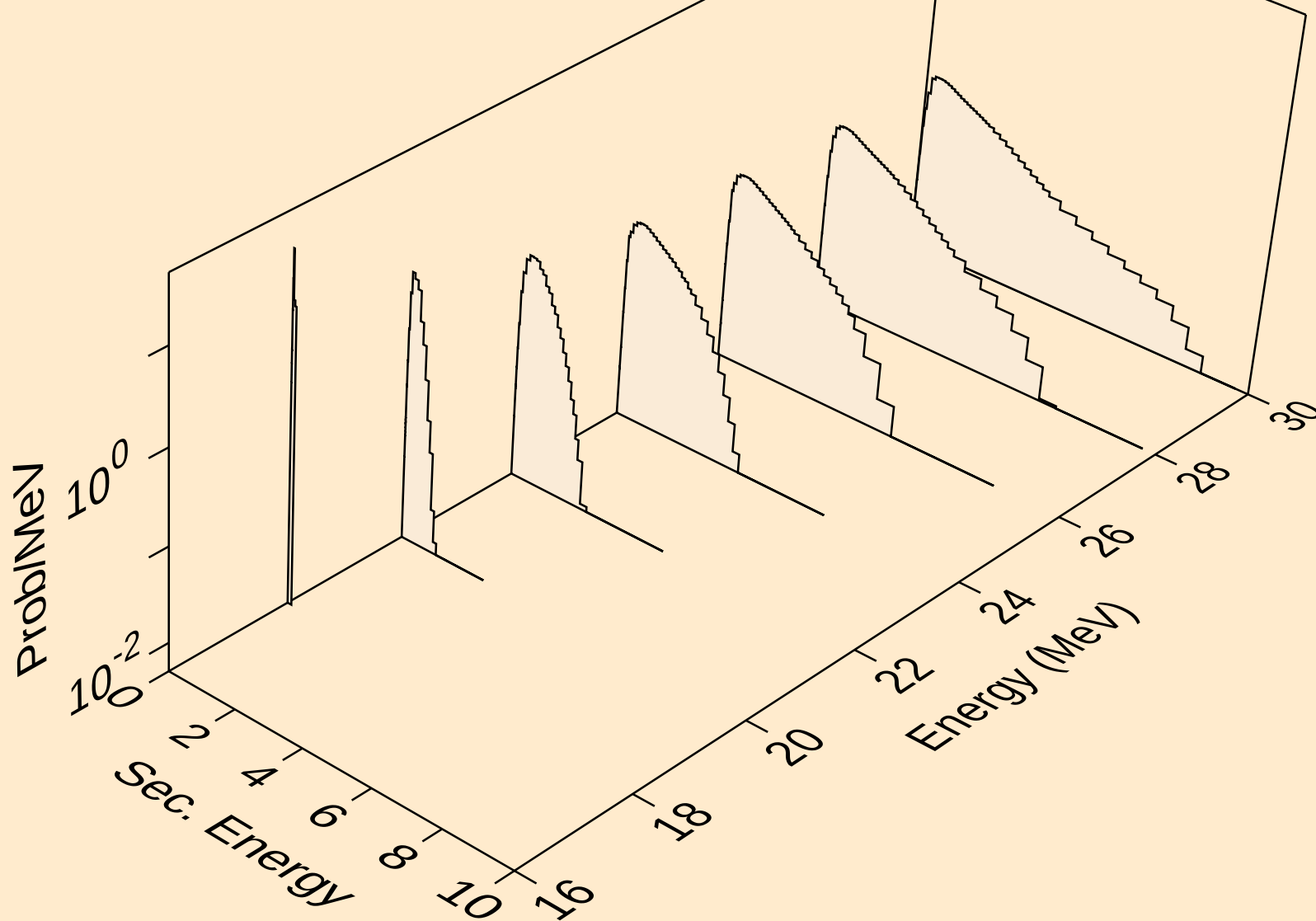
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



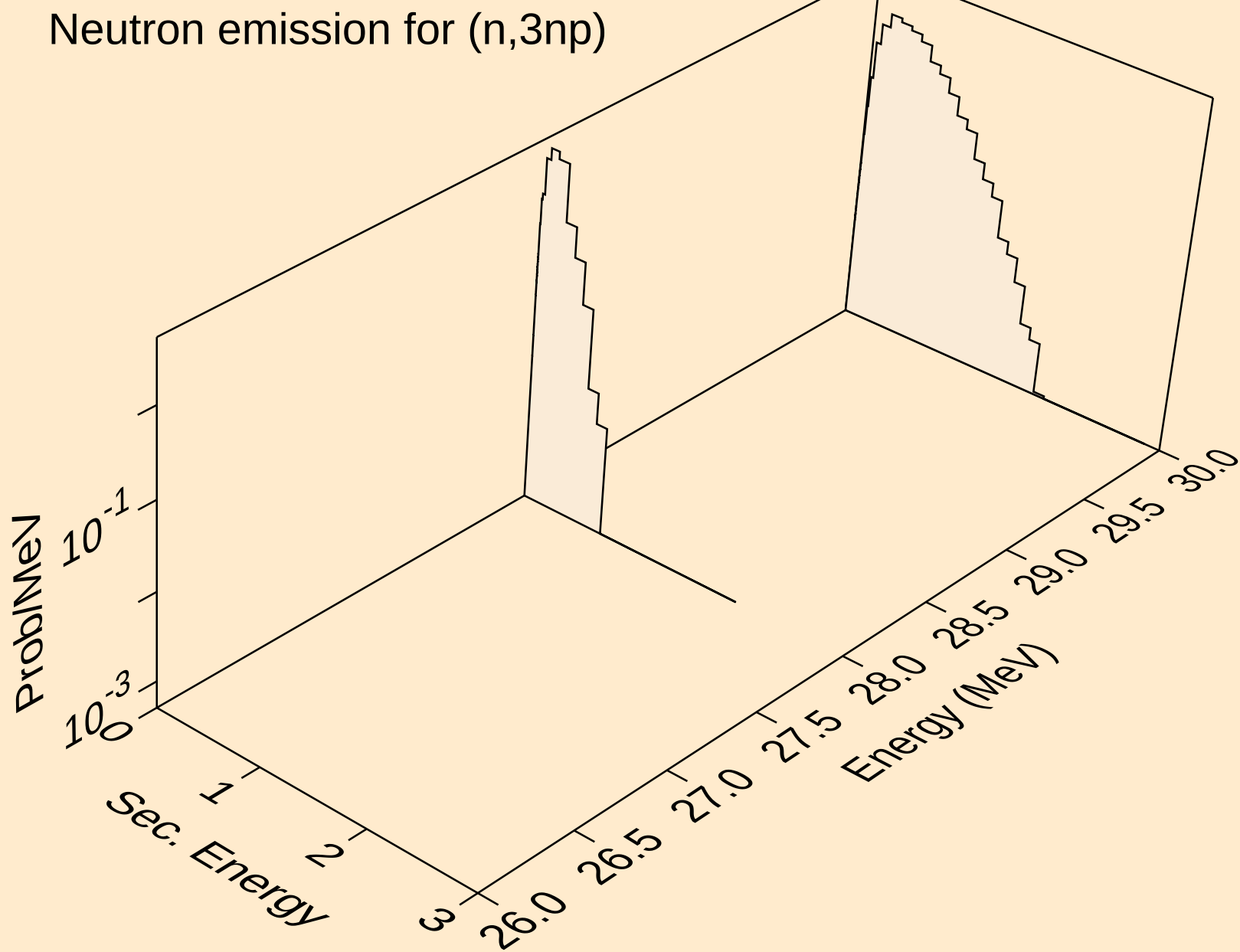
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



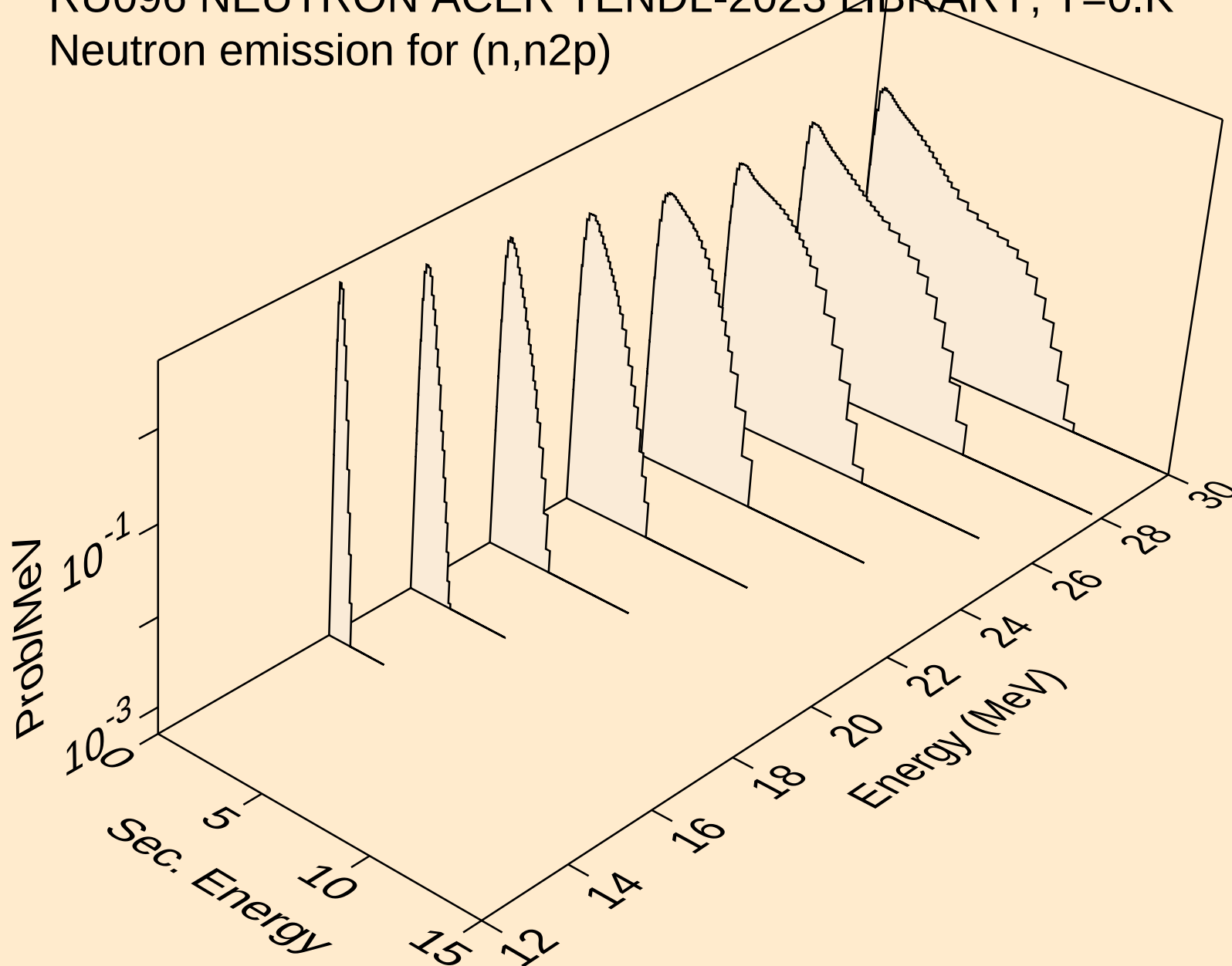
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



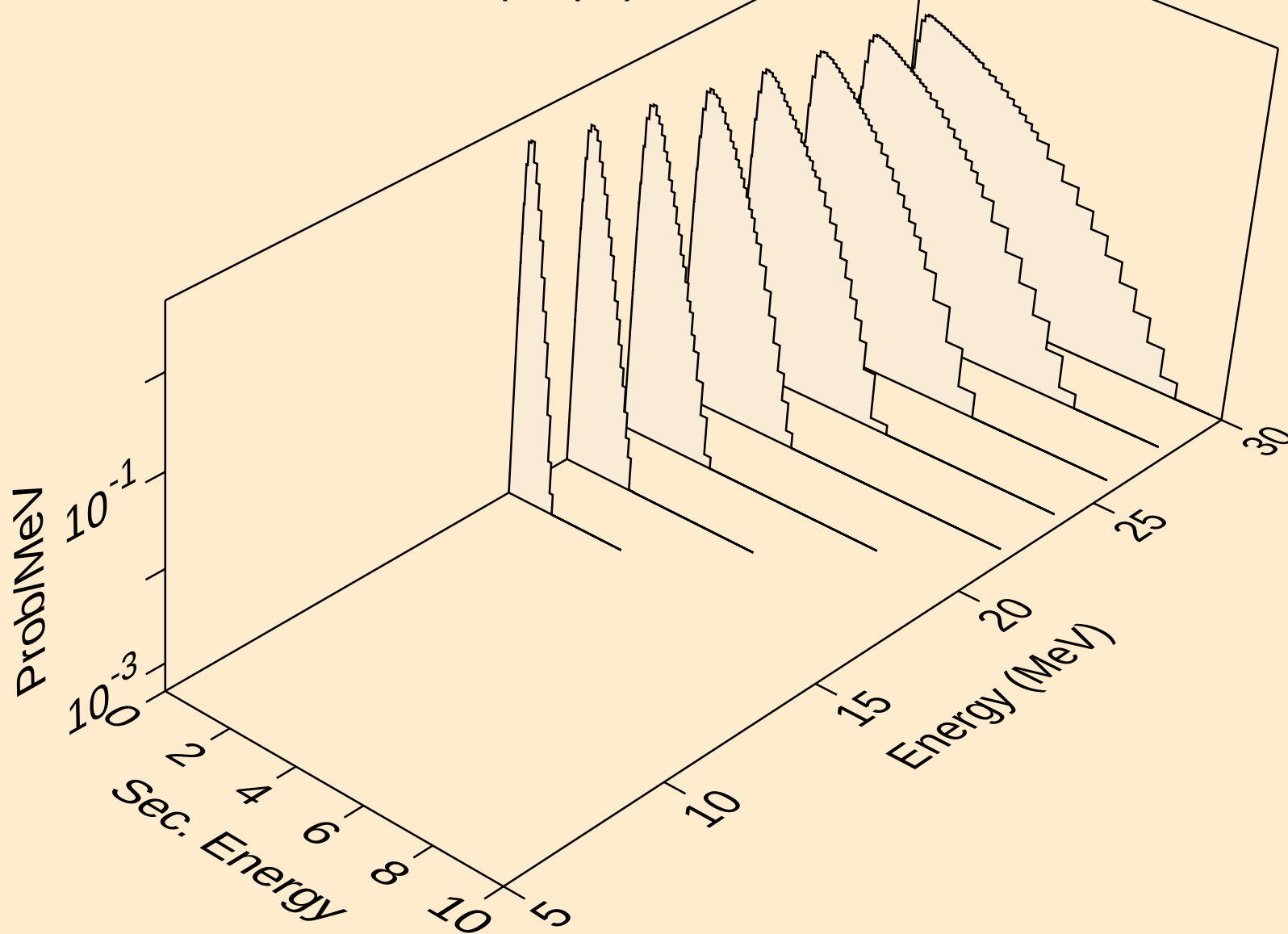
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



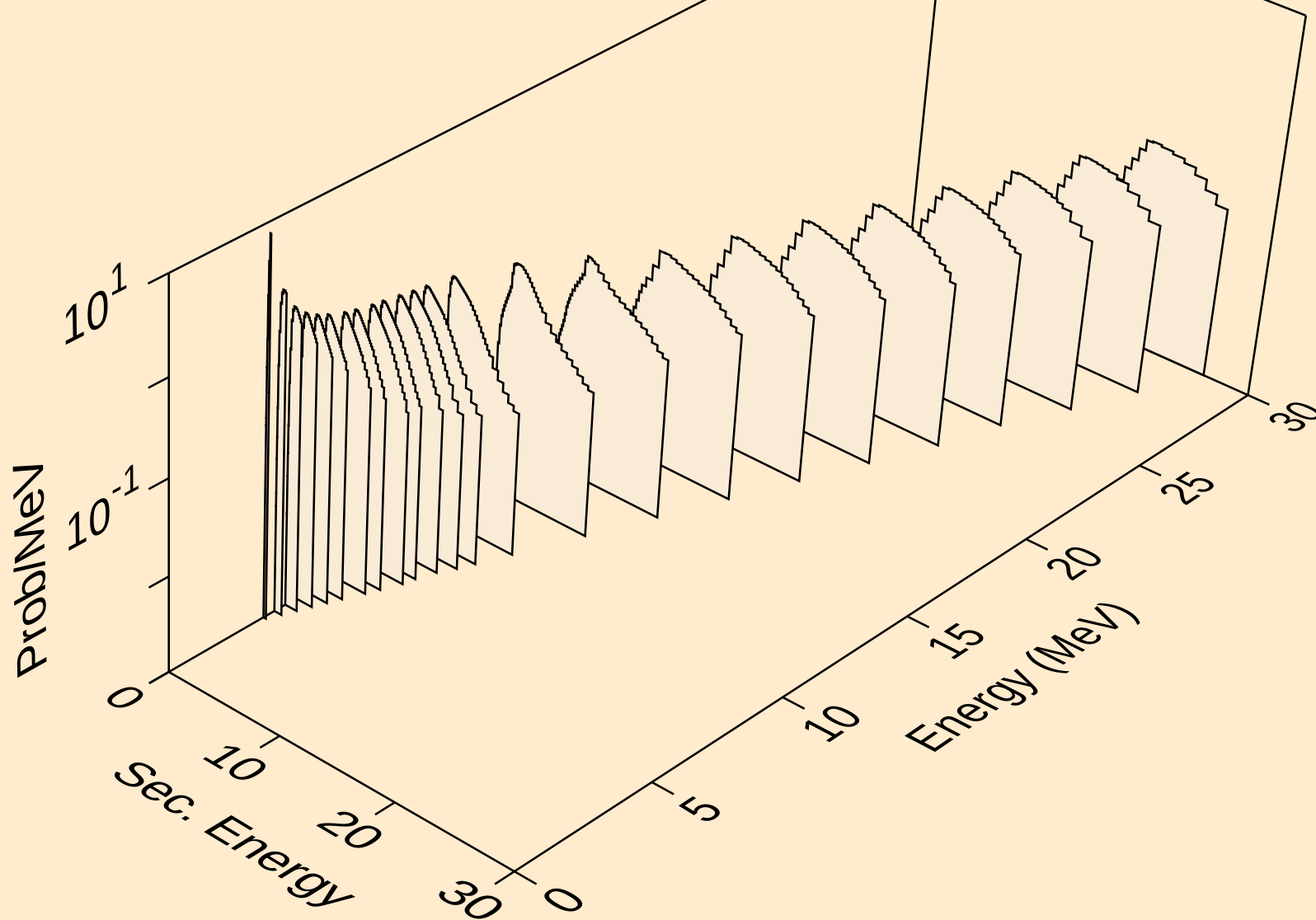
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



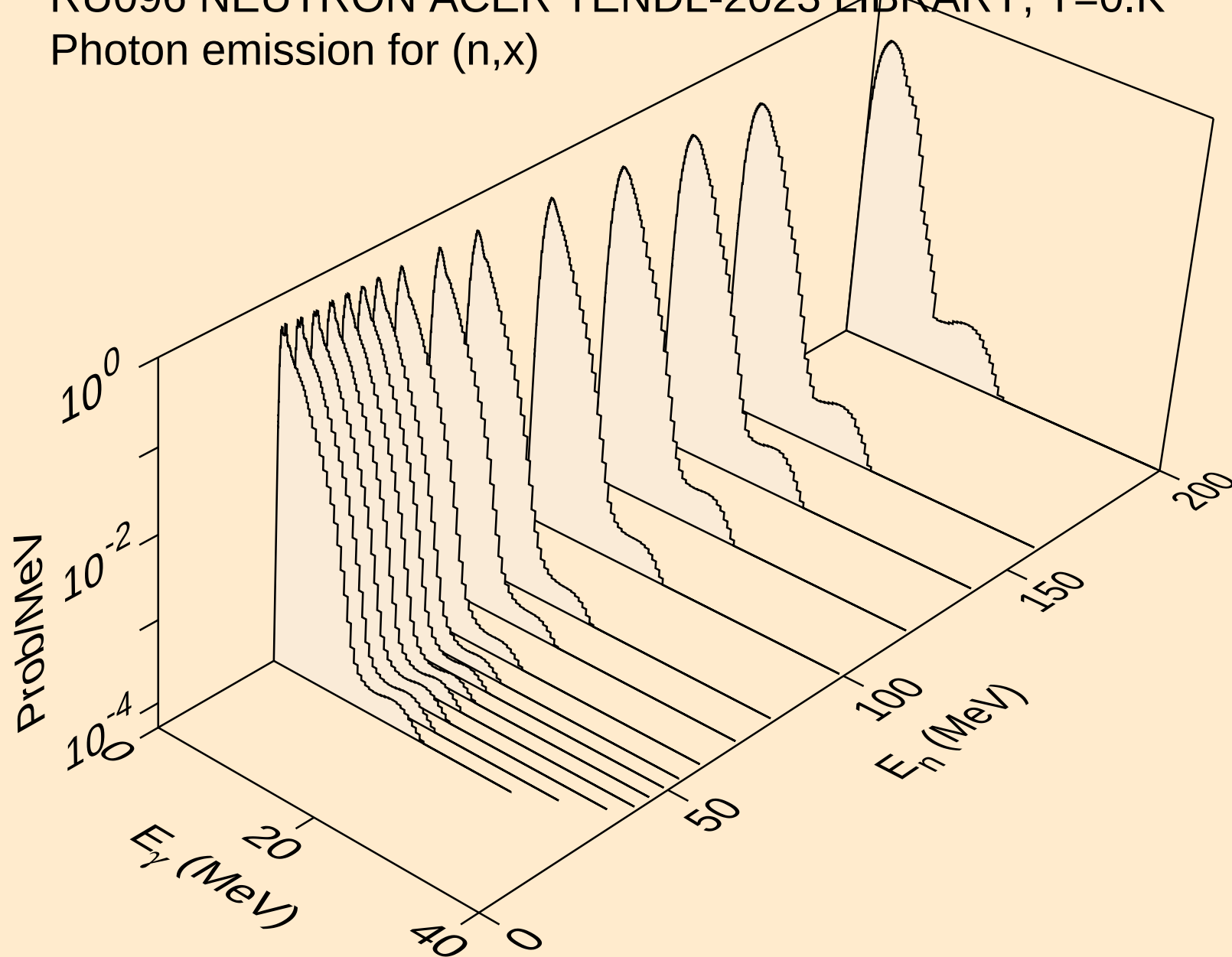
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



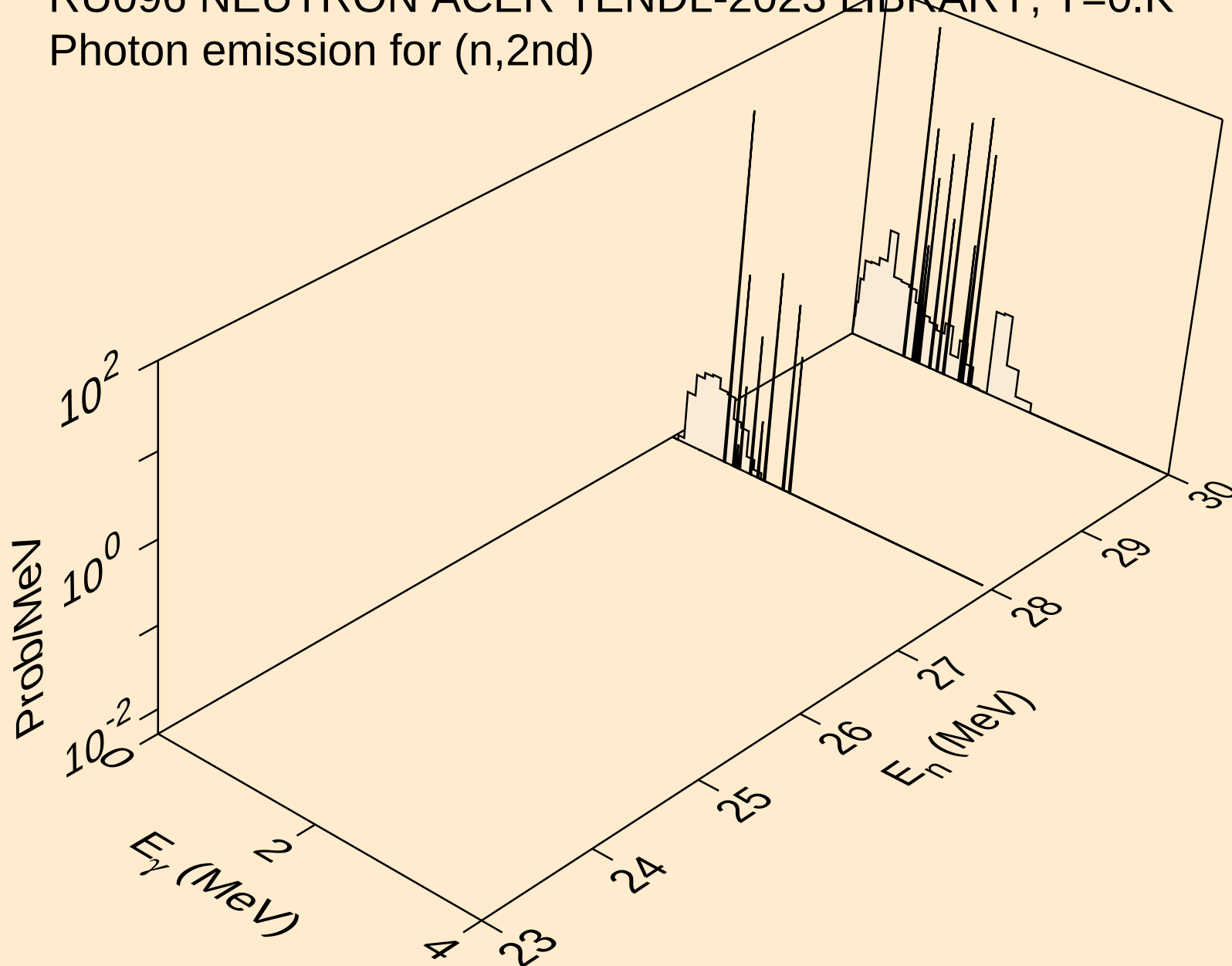
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Neutron emission for (n,n\*c)



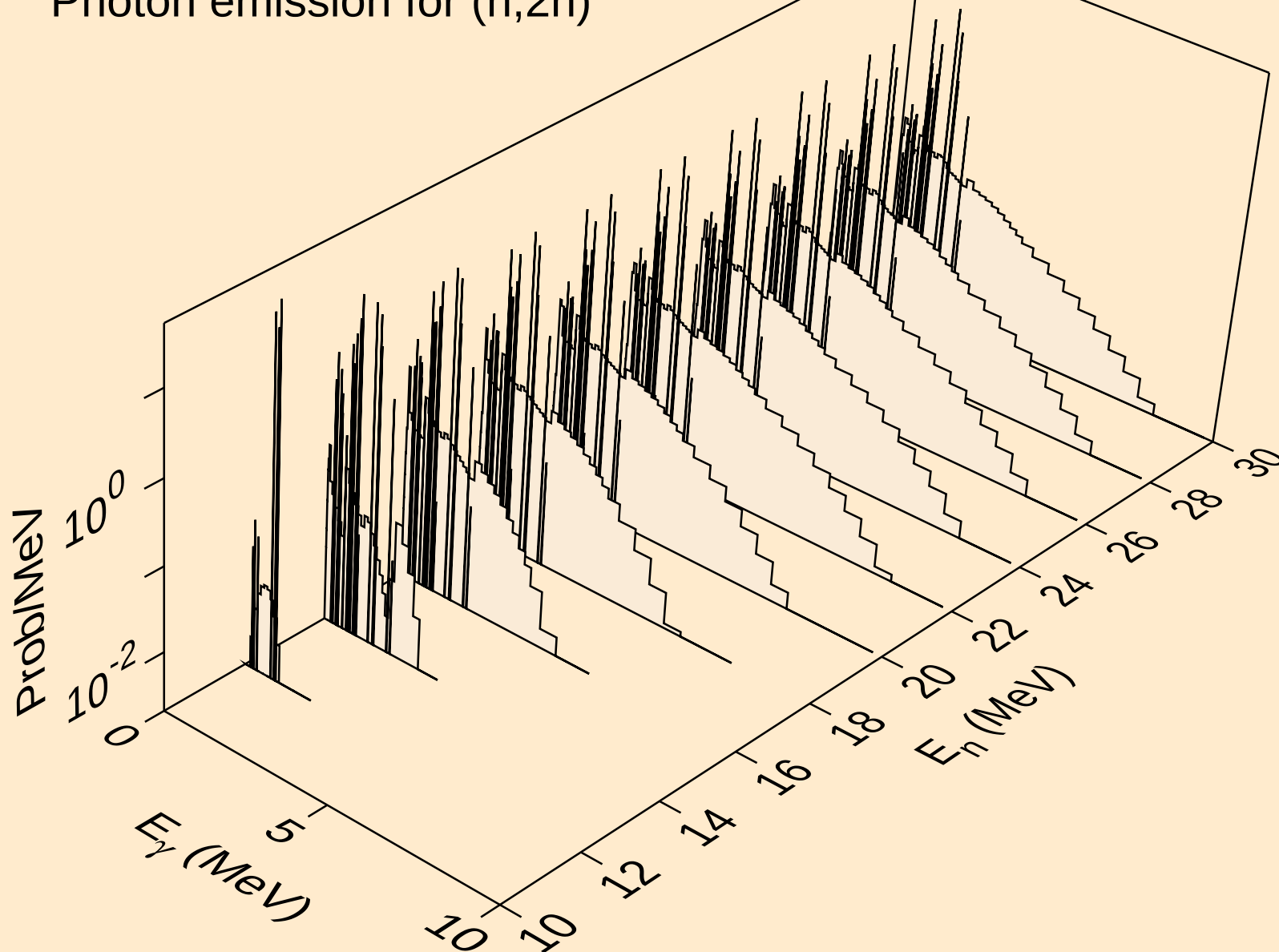
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



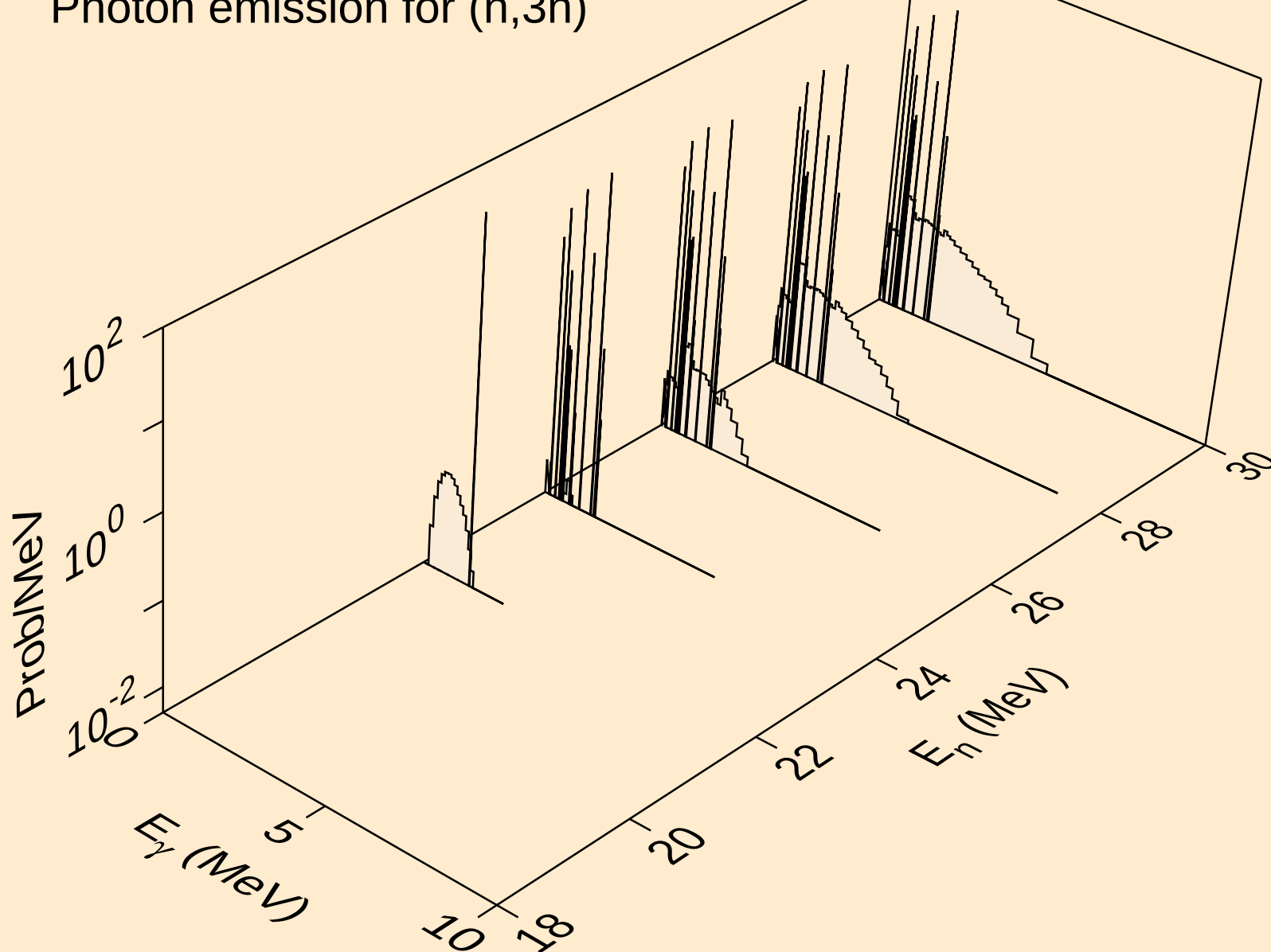
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Photon emission for (n,2nd)



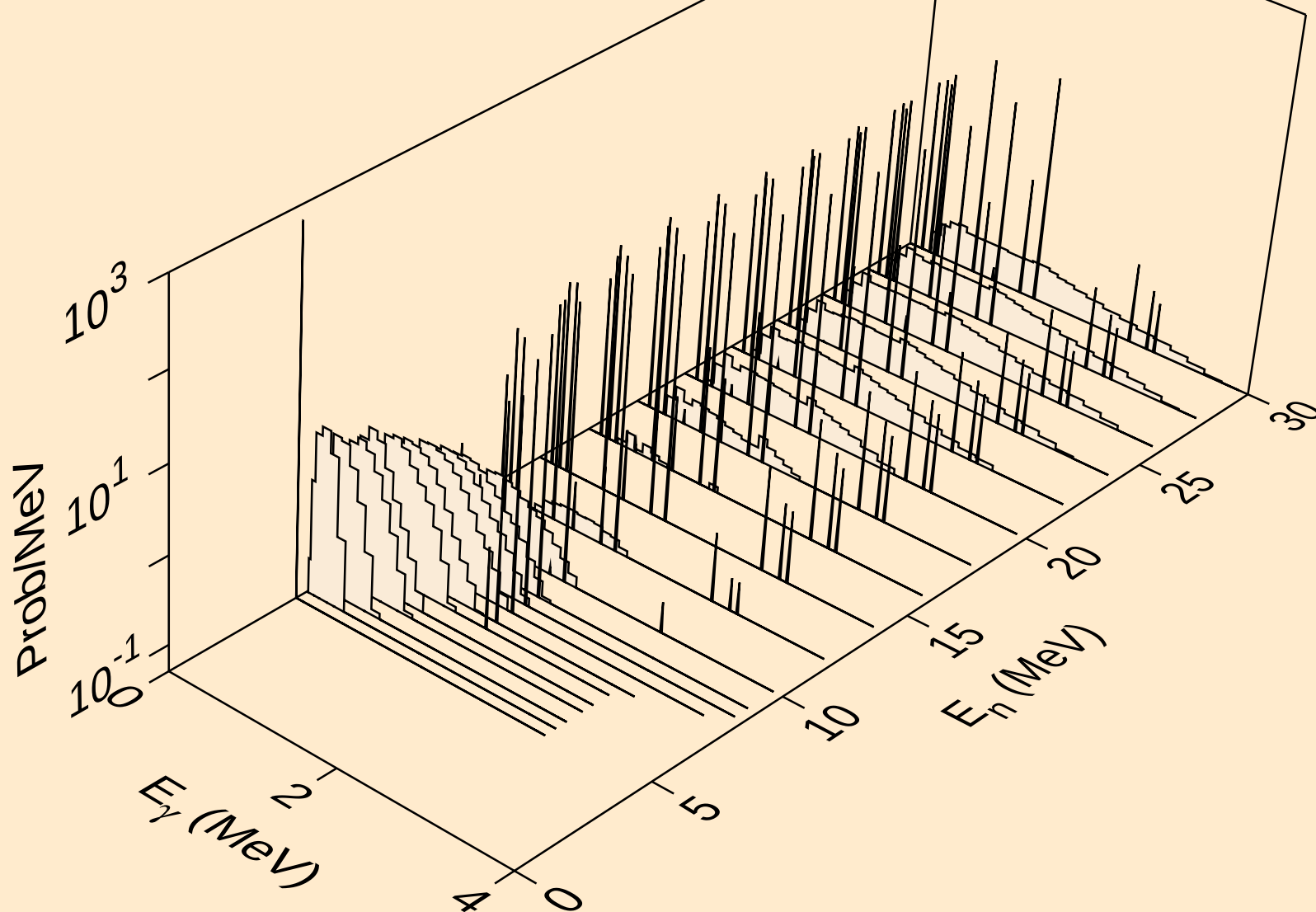
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Photon emission for (n,2n)



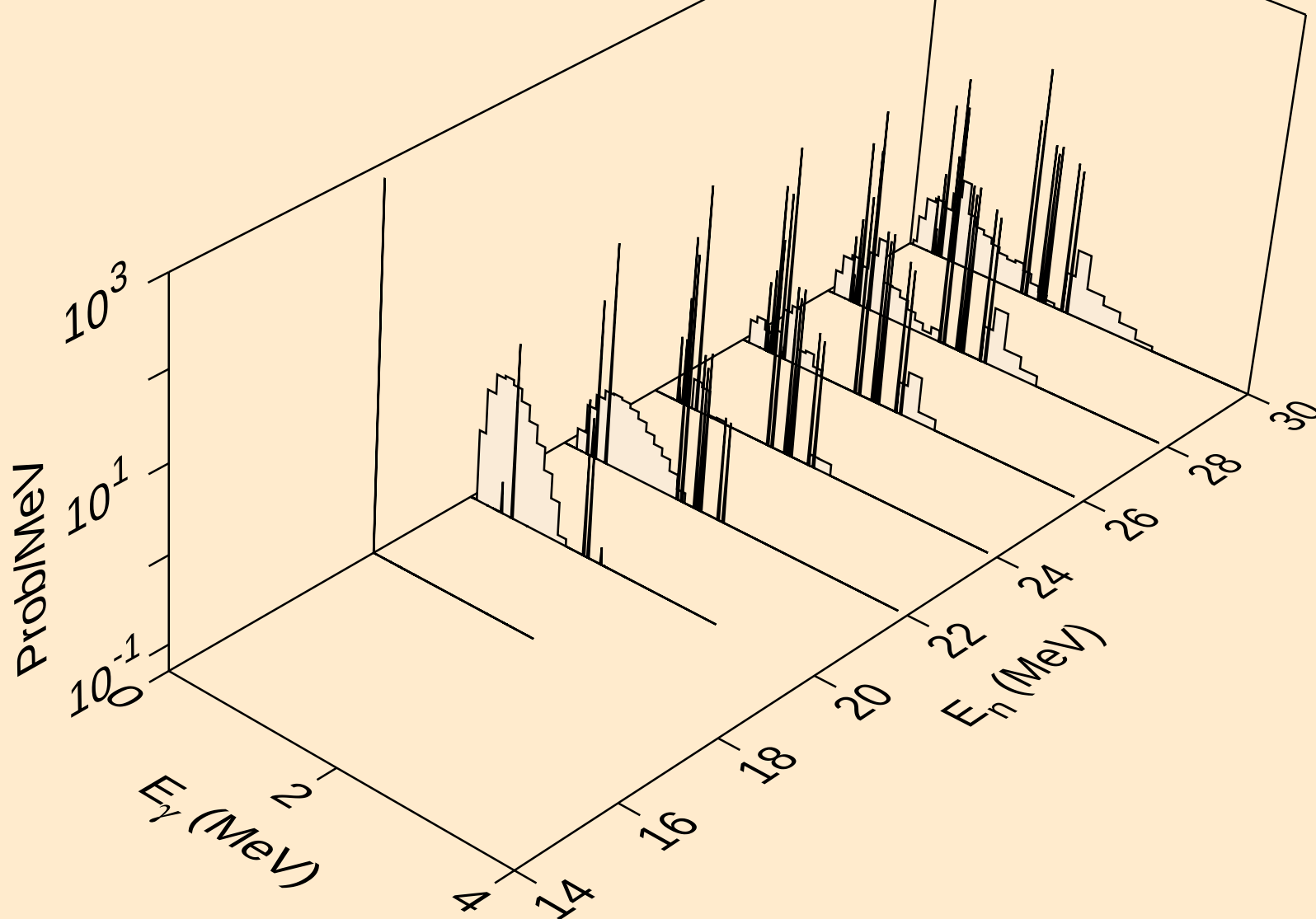
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



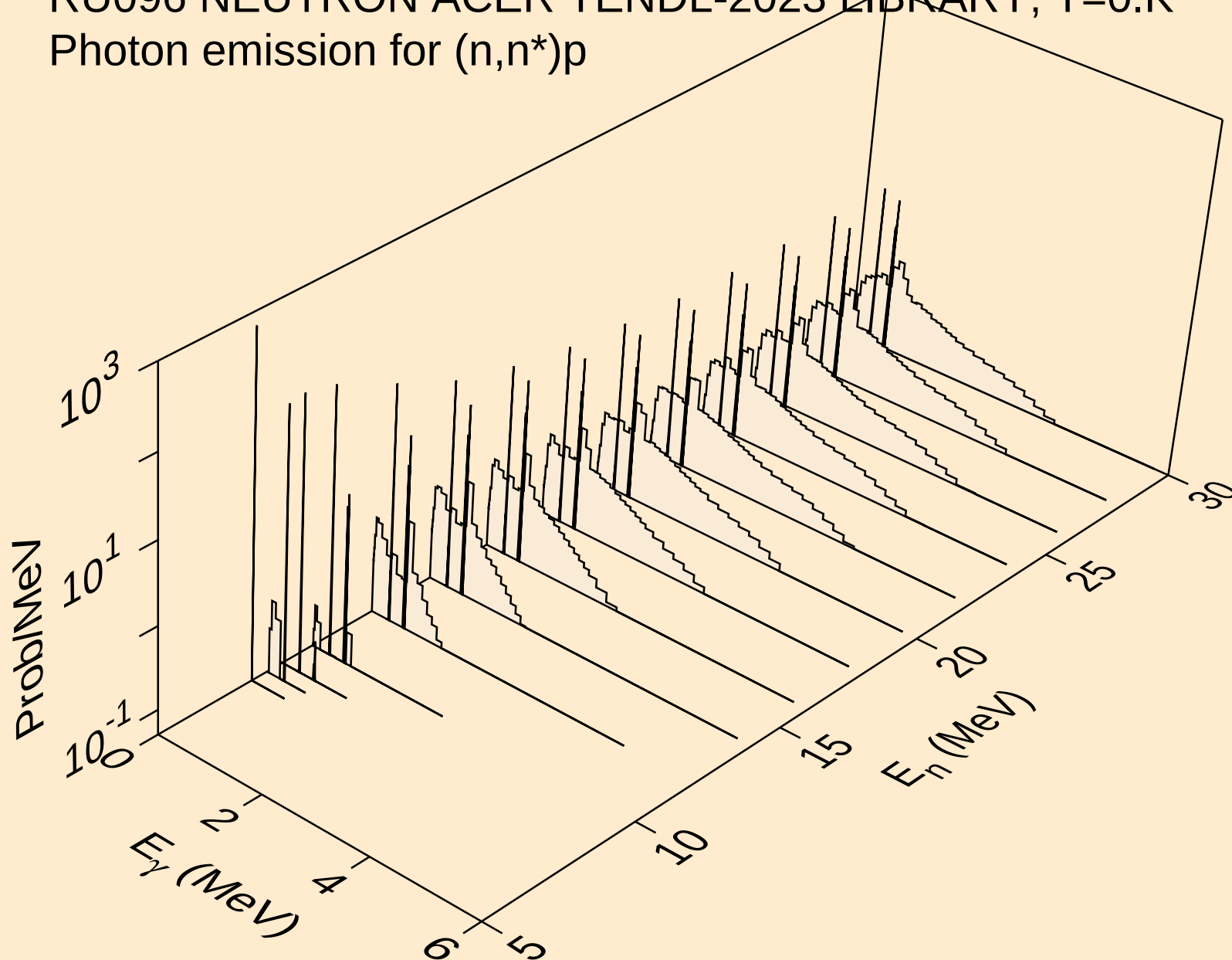
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Photon emission for (n,n\*)a



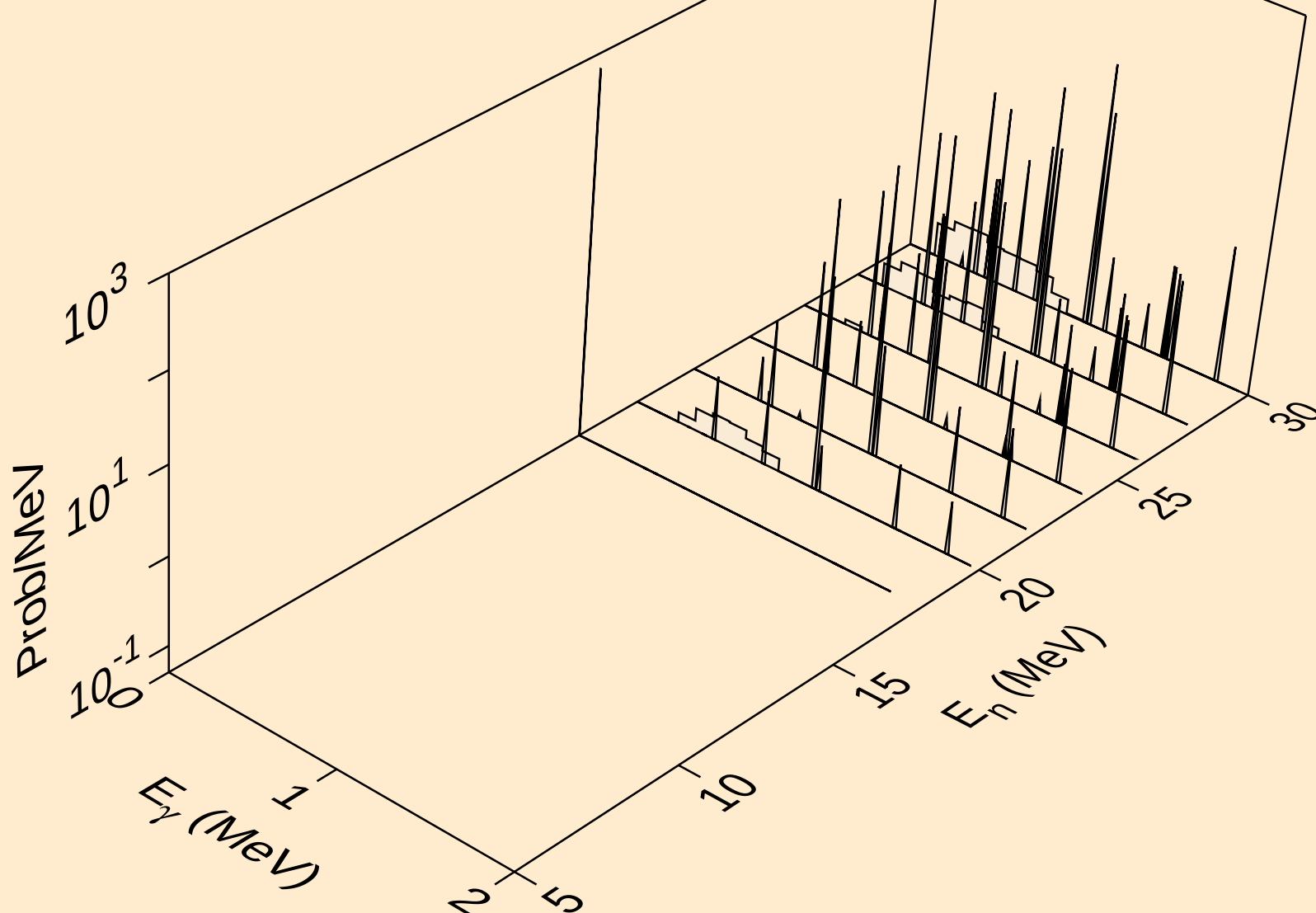
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n) $\alpha$



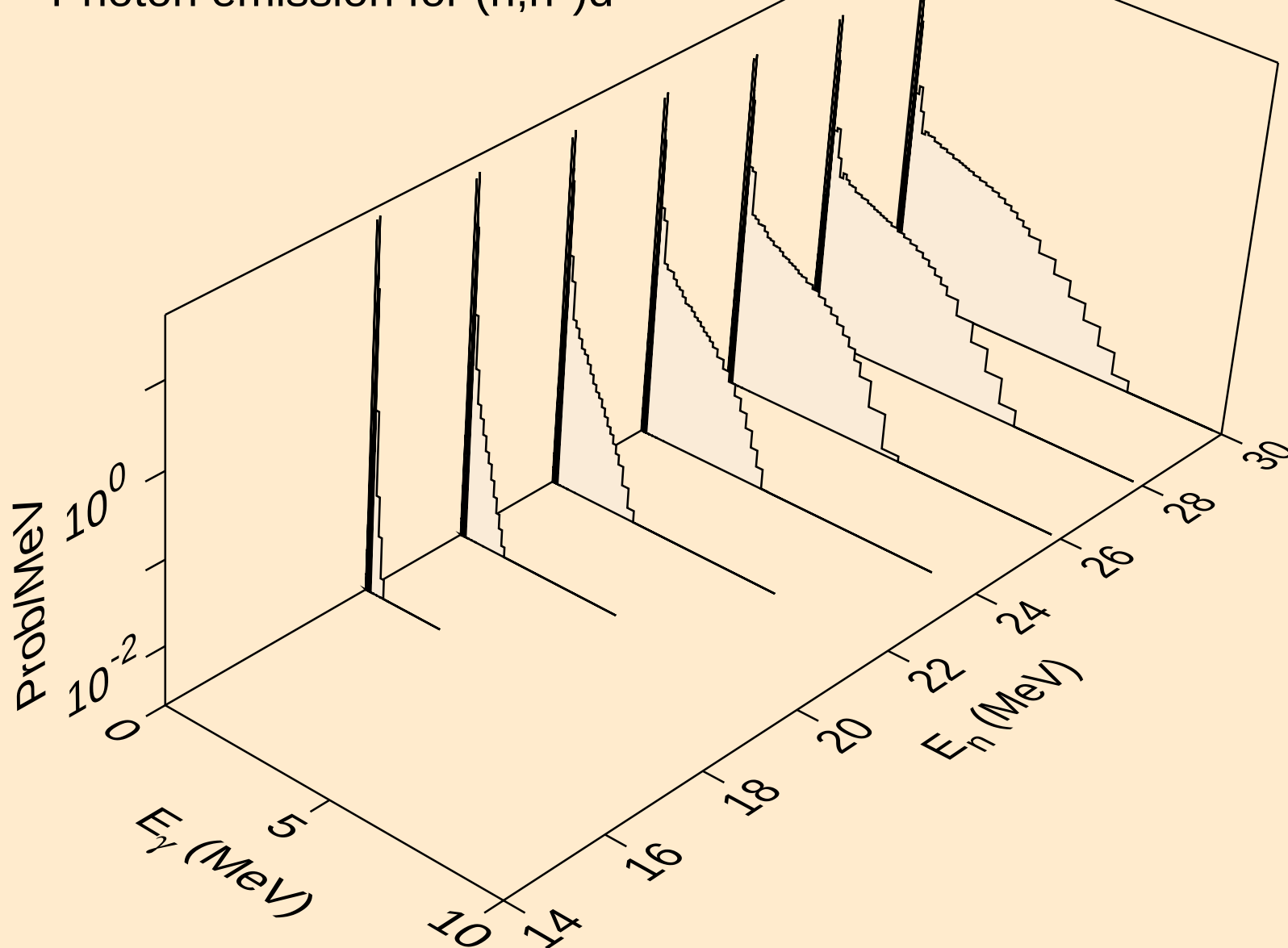
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



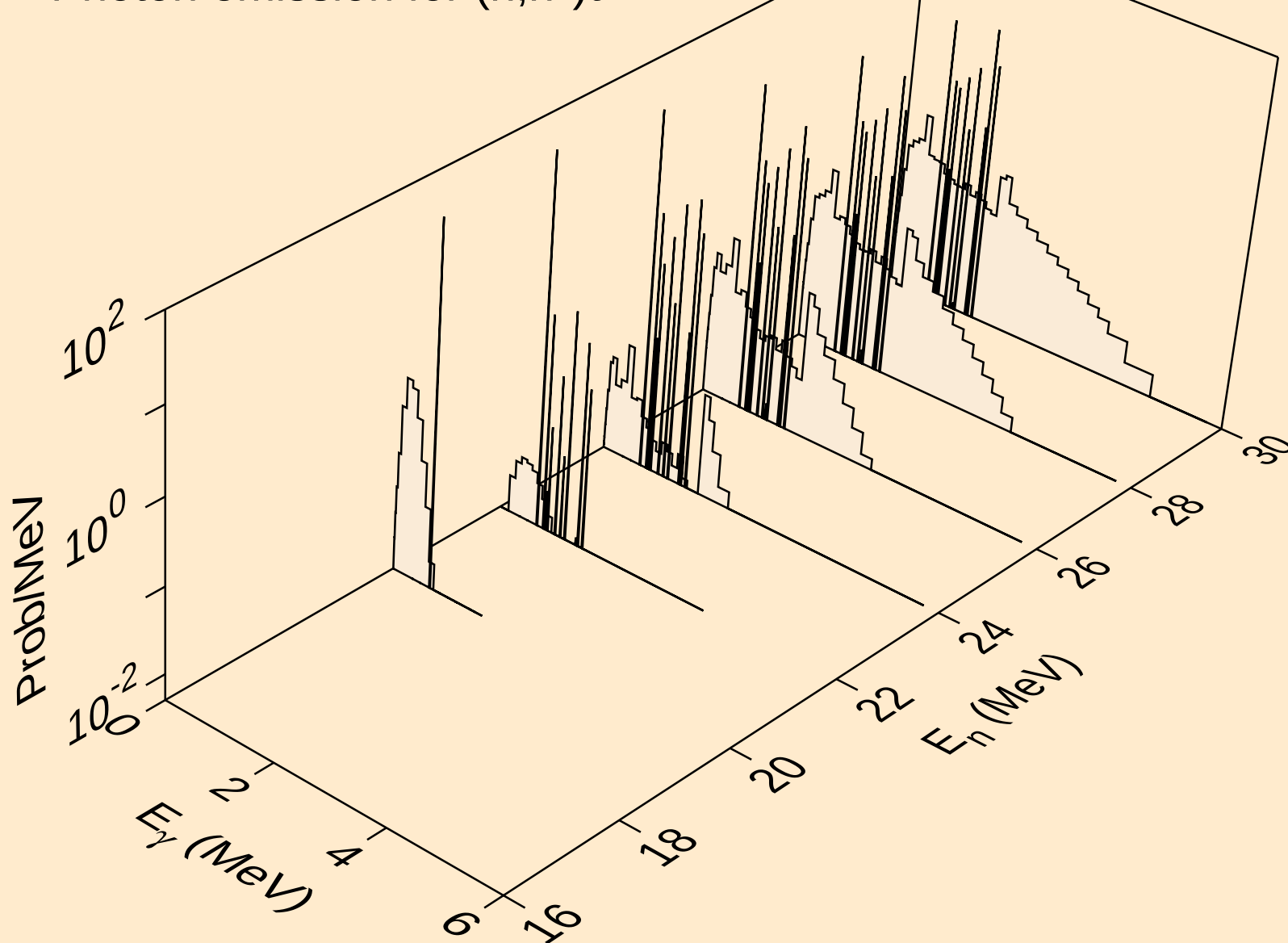
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Photon emission for (n,n\*)2a



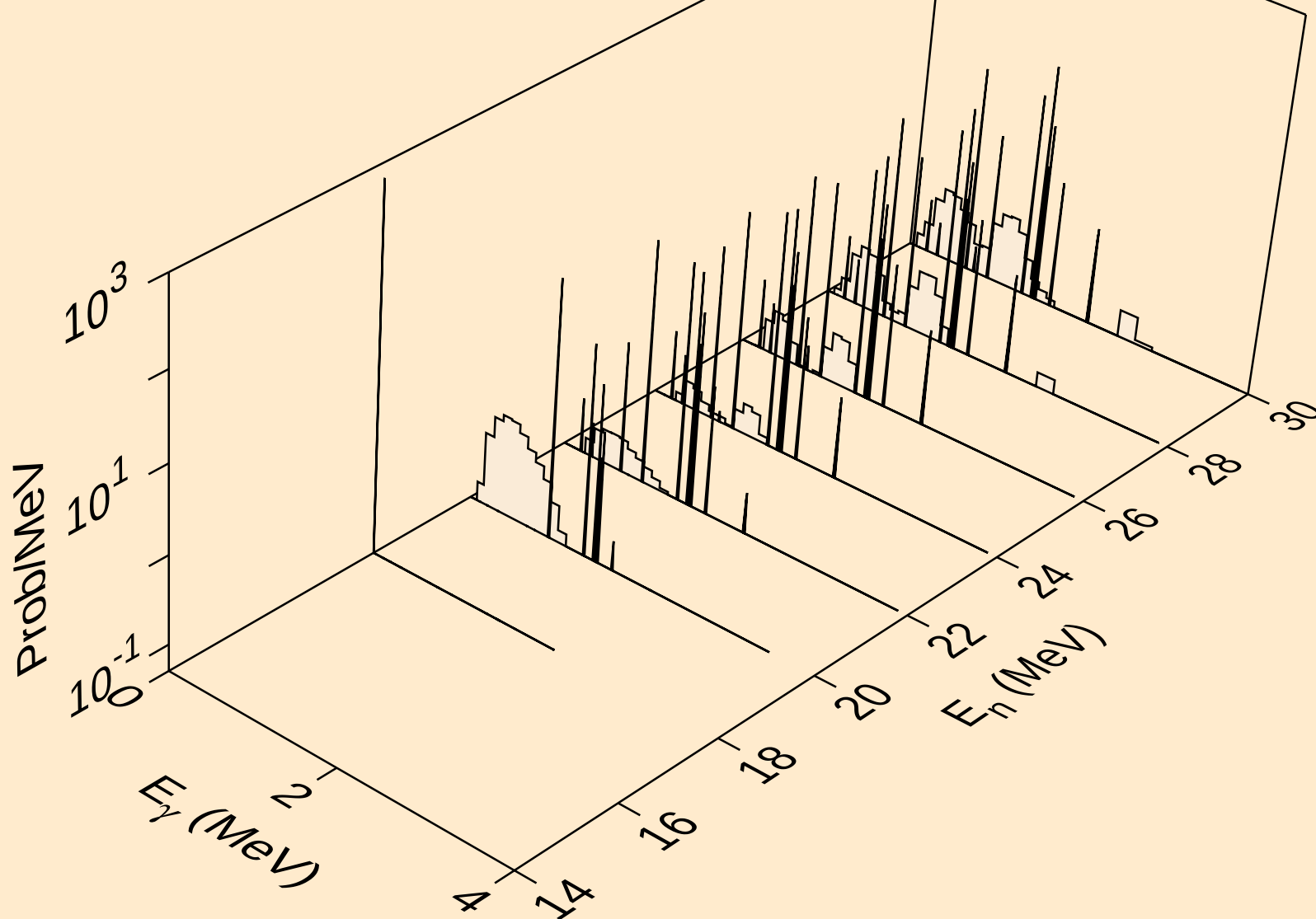
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



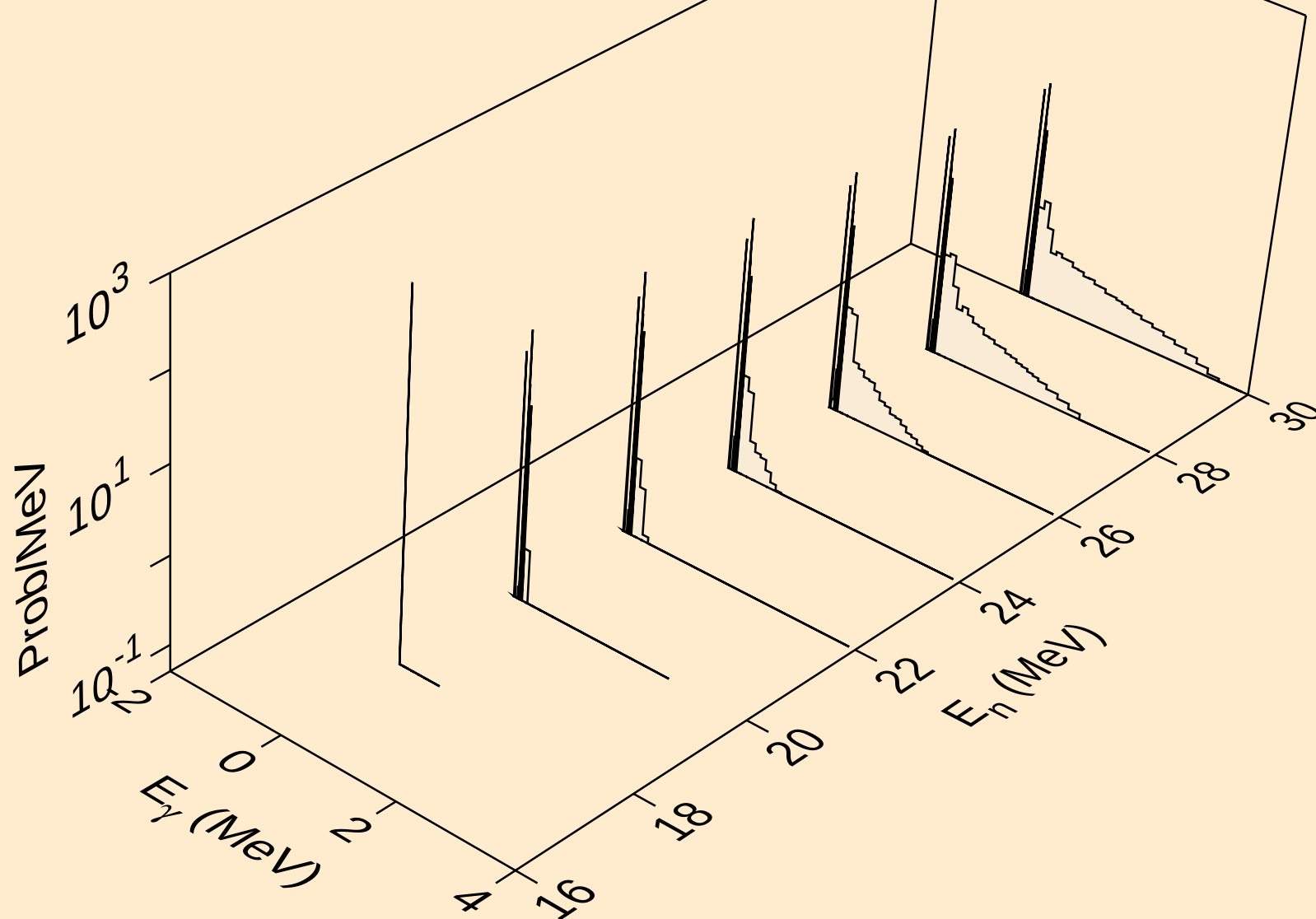
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Photon emission for (n,n\*)t



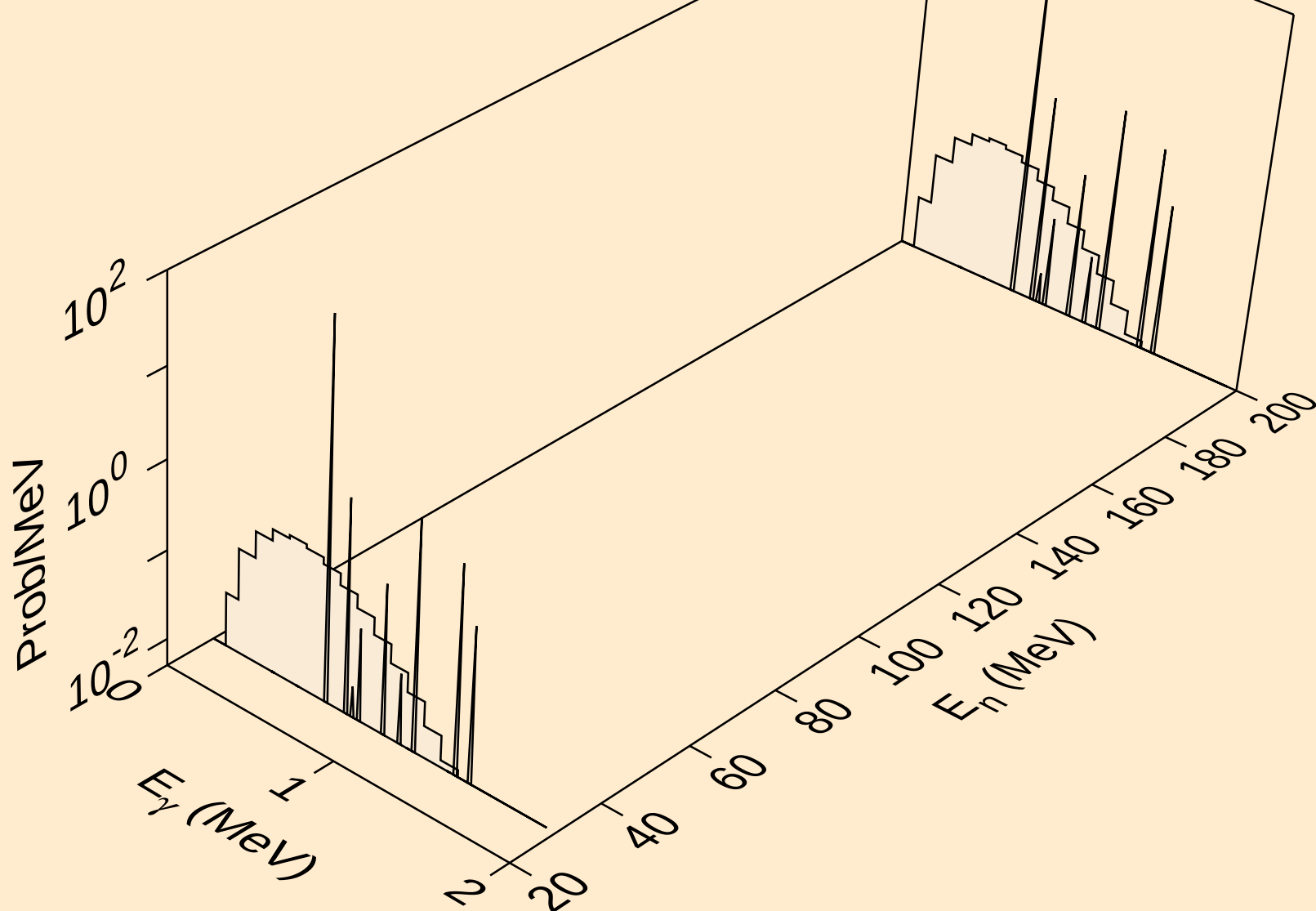
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



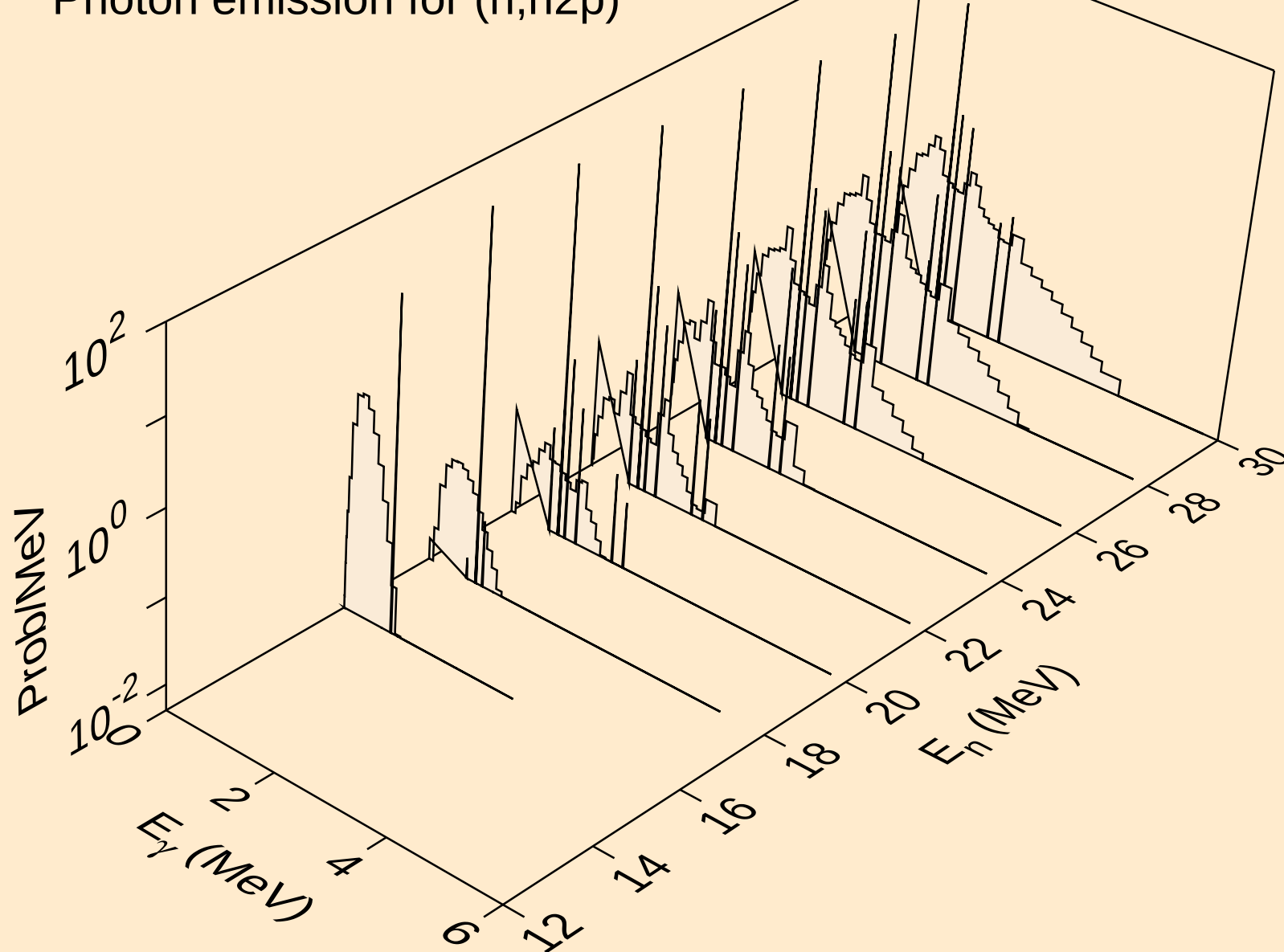
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Photon emission for (n,2np)



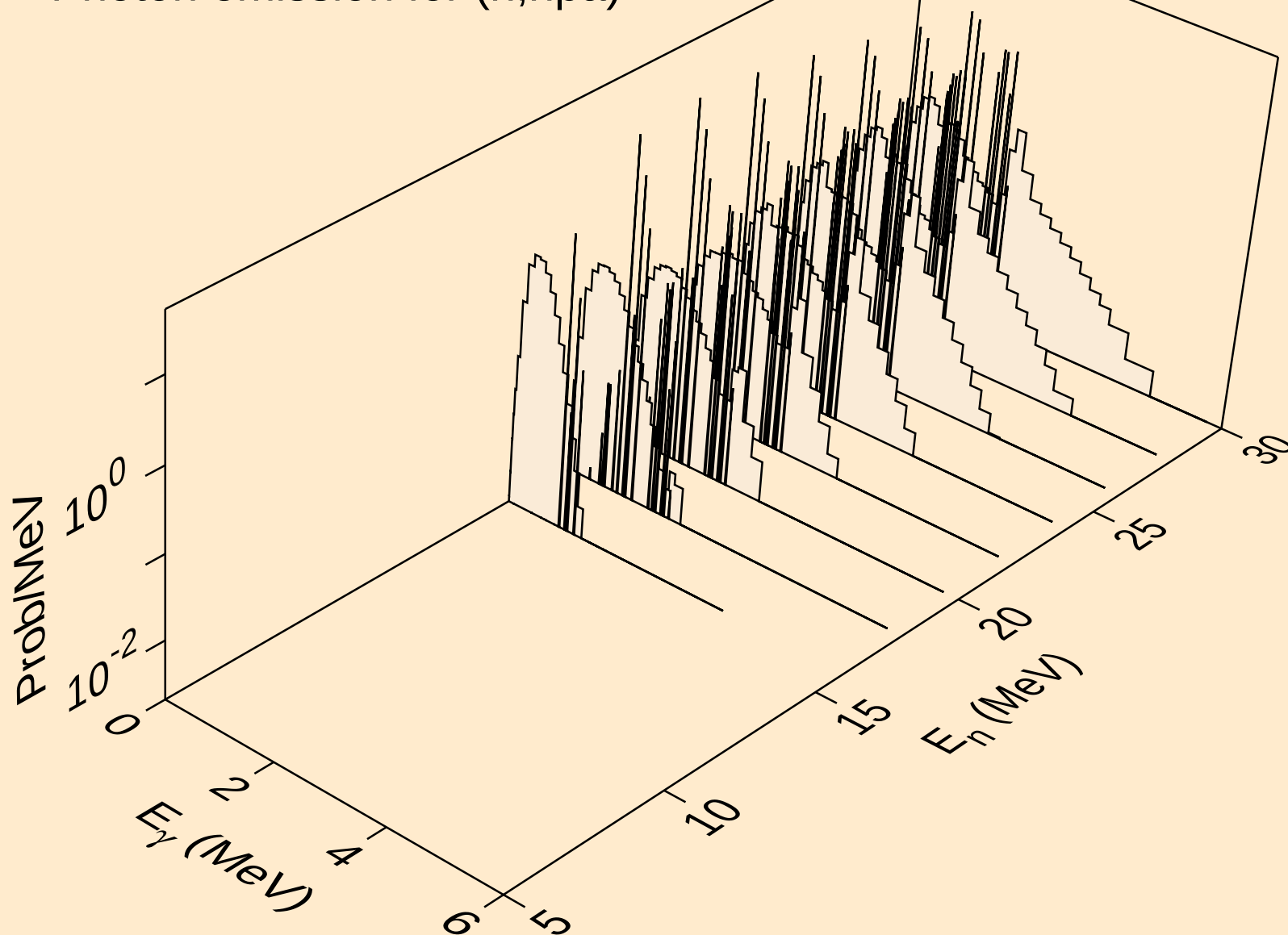
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Photon emission for (n,3np)



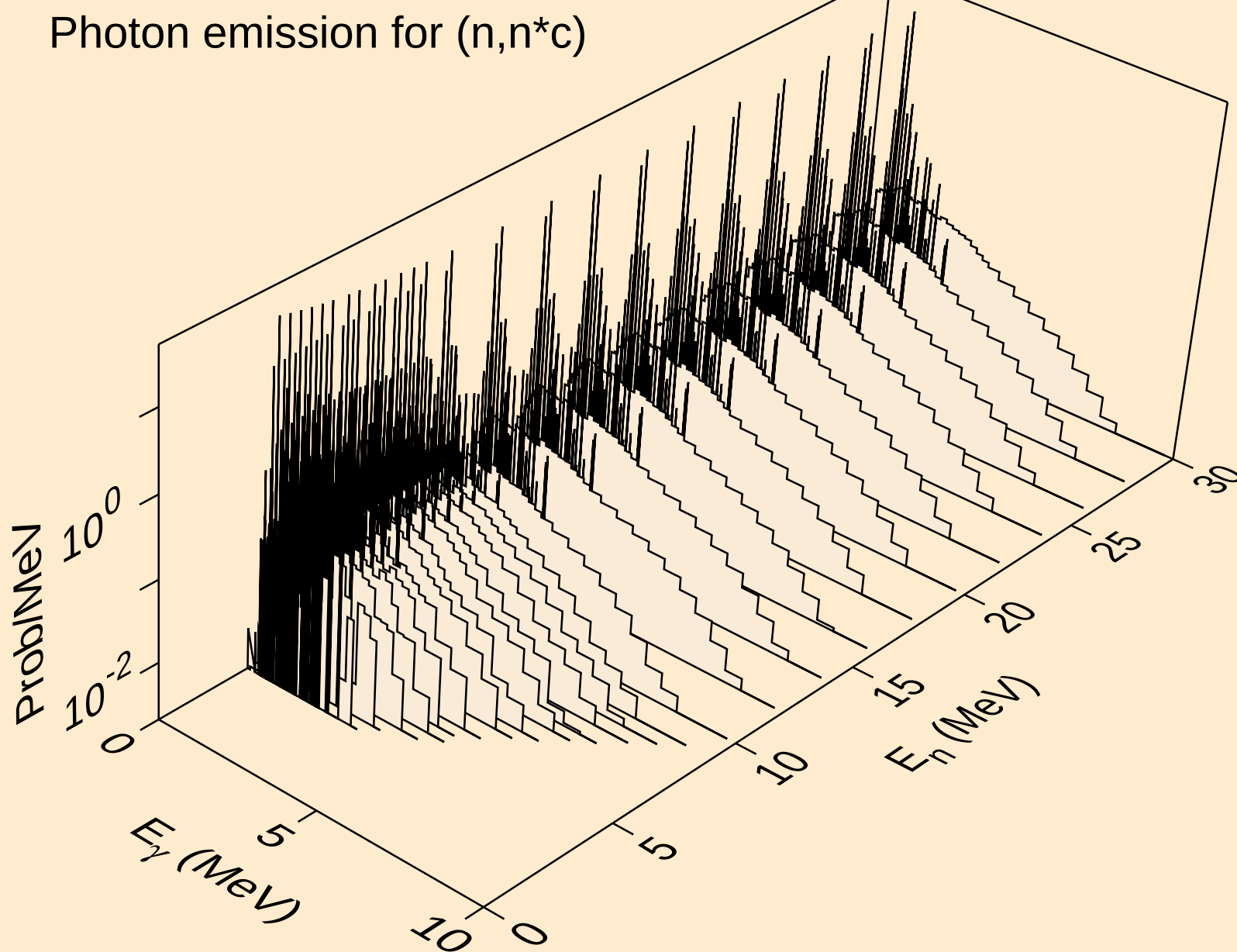
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Photon emission for (n,n2p)



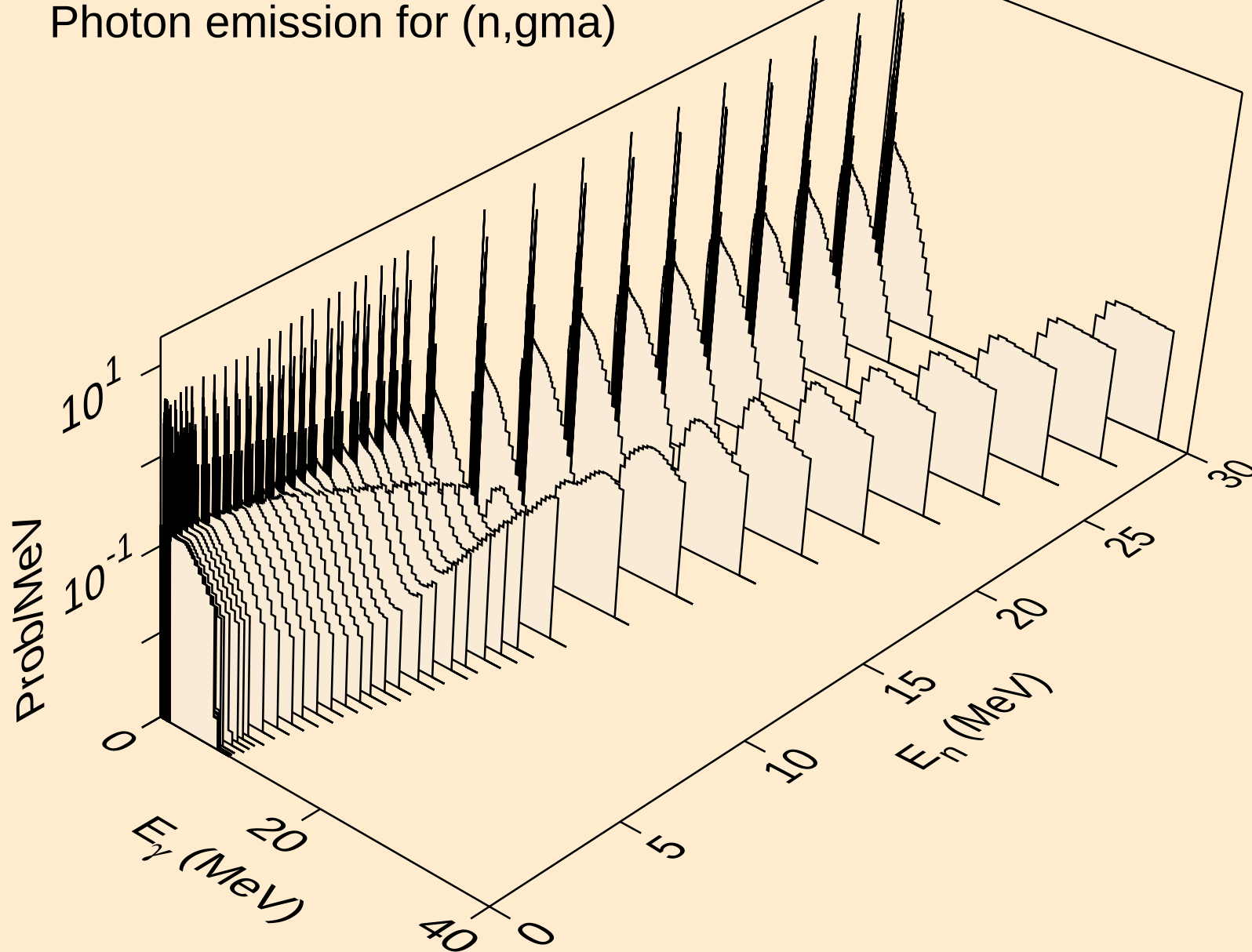
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Photon emission for (n,npa)



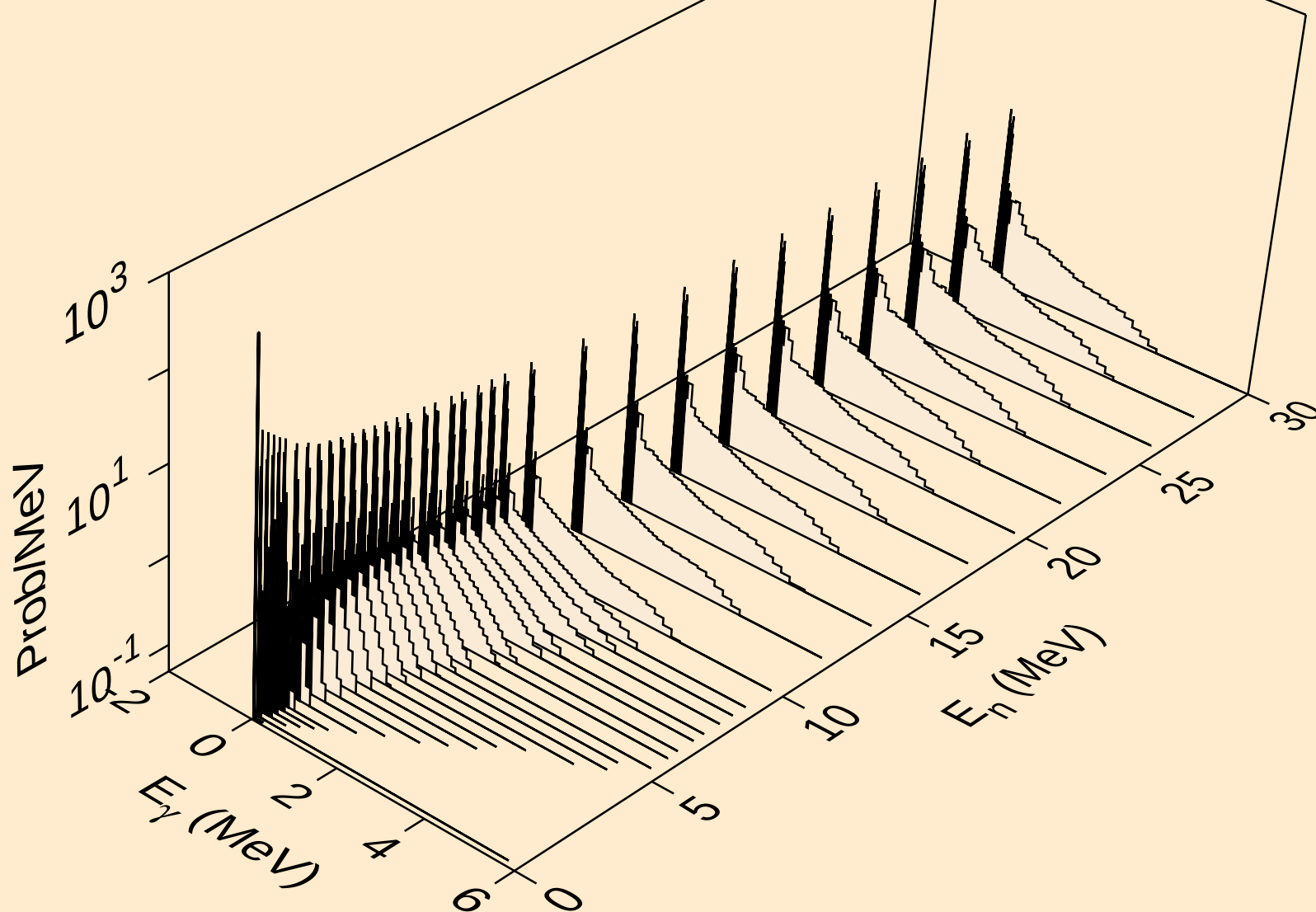
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



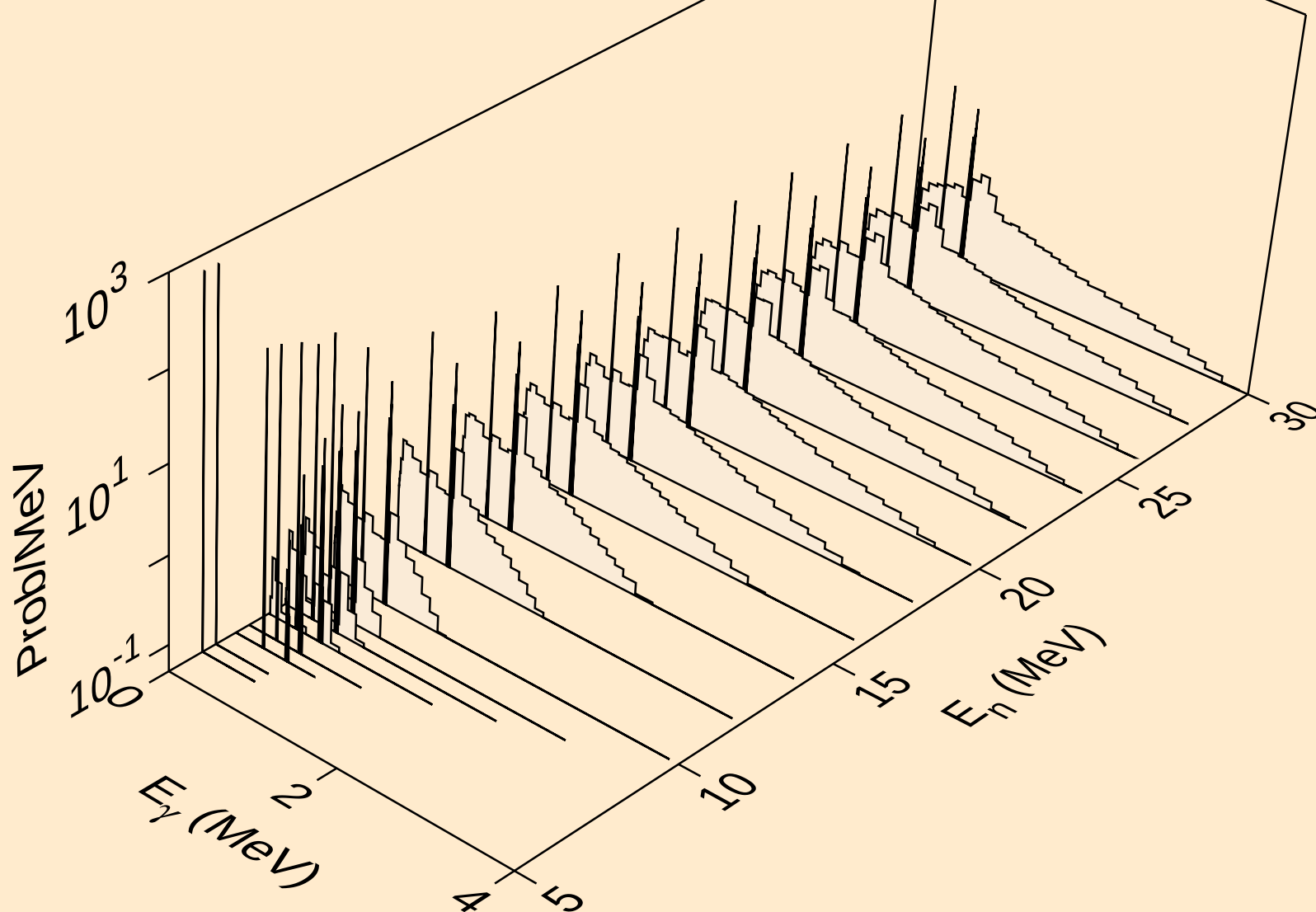
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Photon emission for (n,gma)



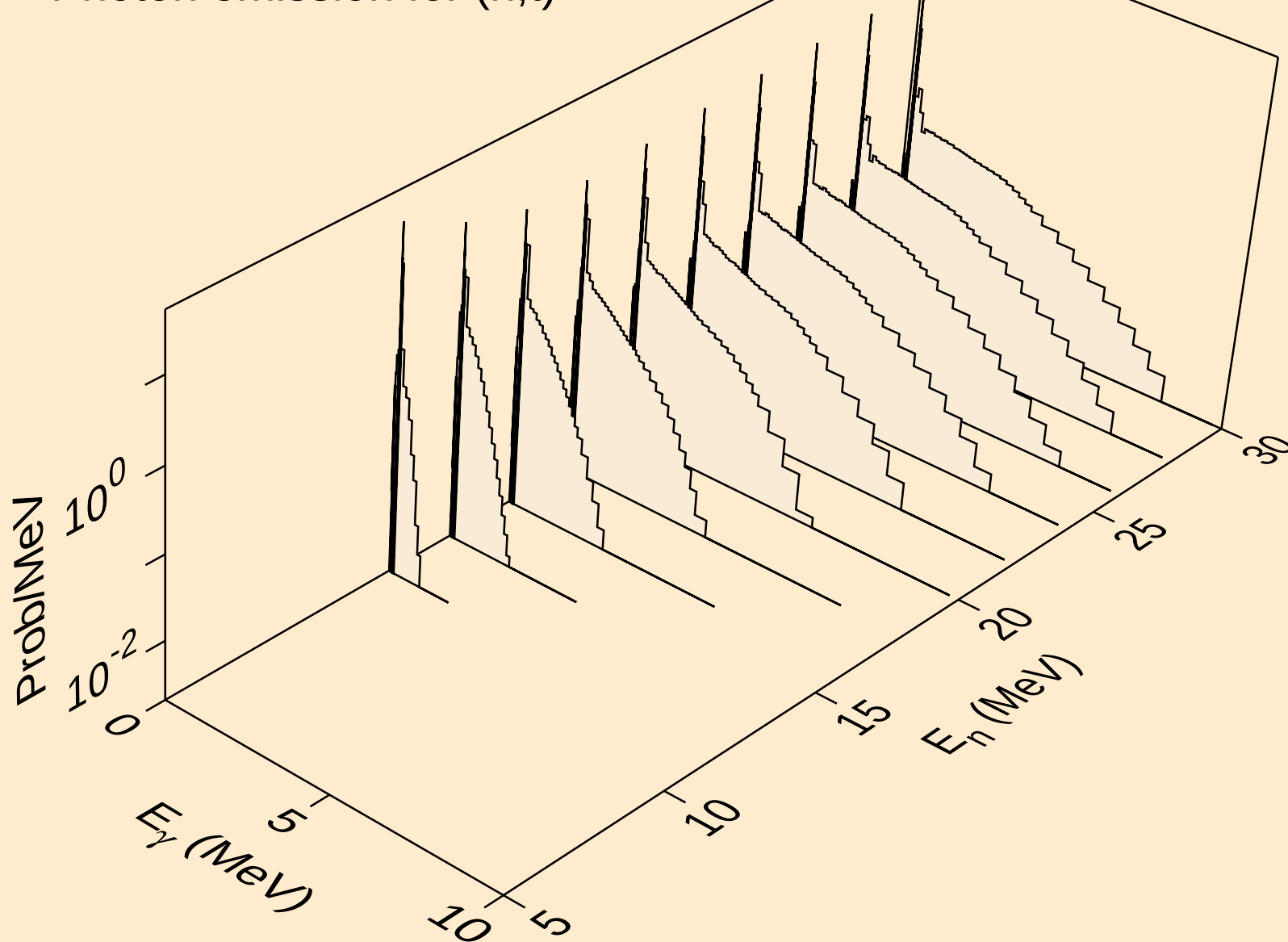
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Photon emission for (n,p)



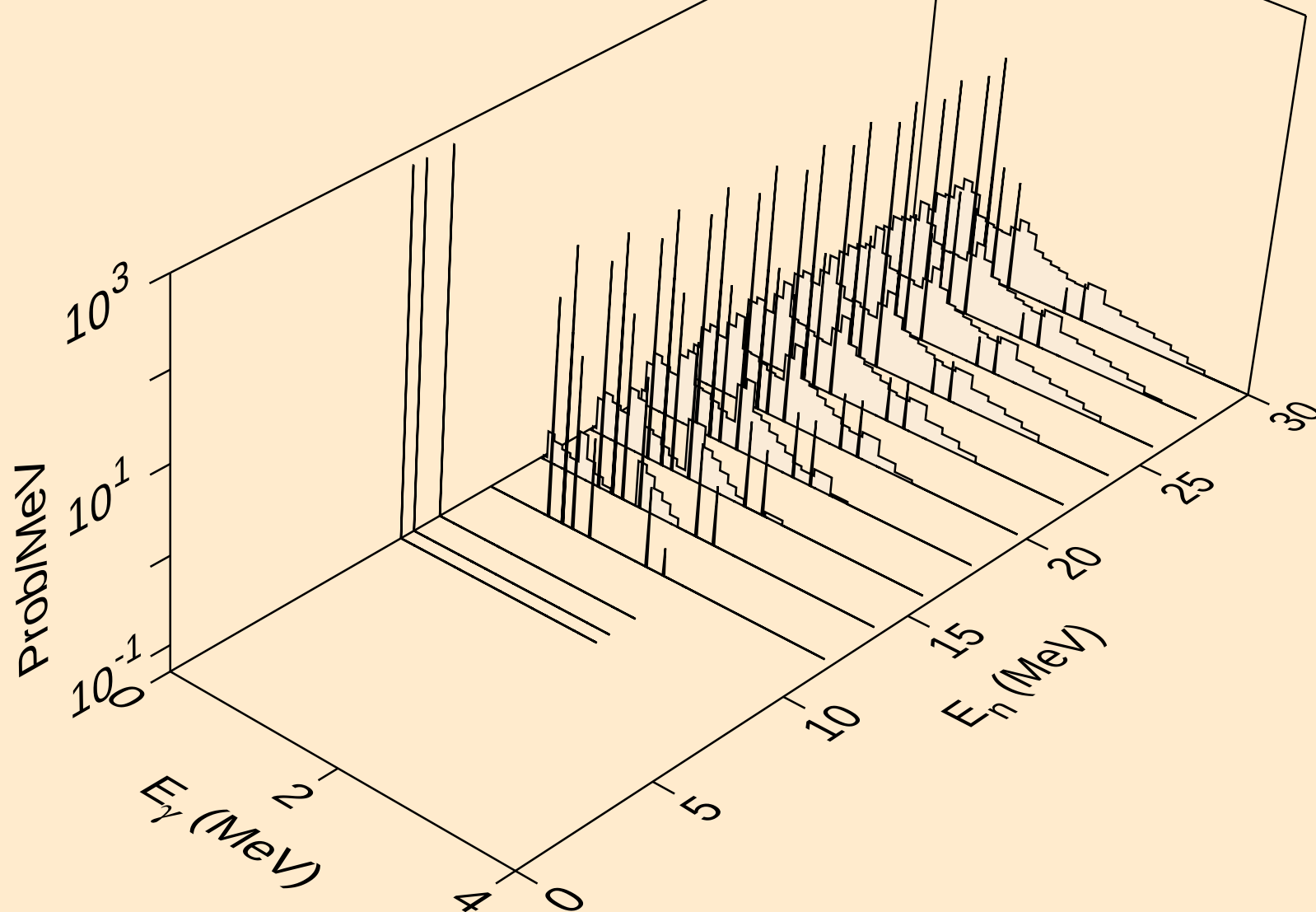
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Photon emission for (n,d)



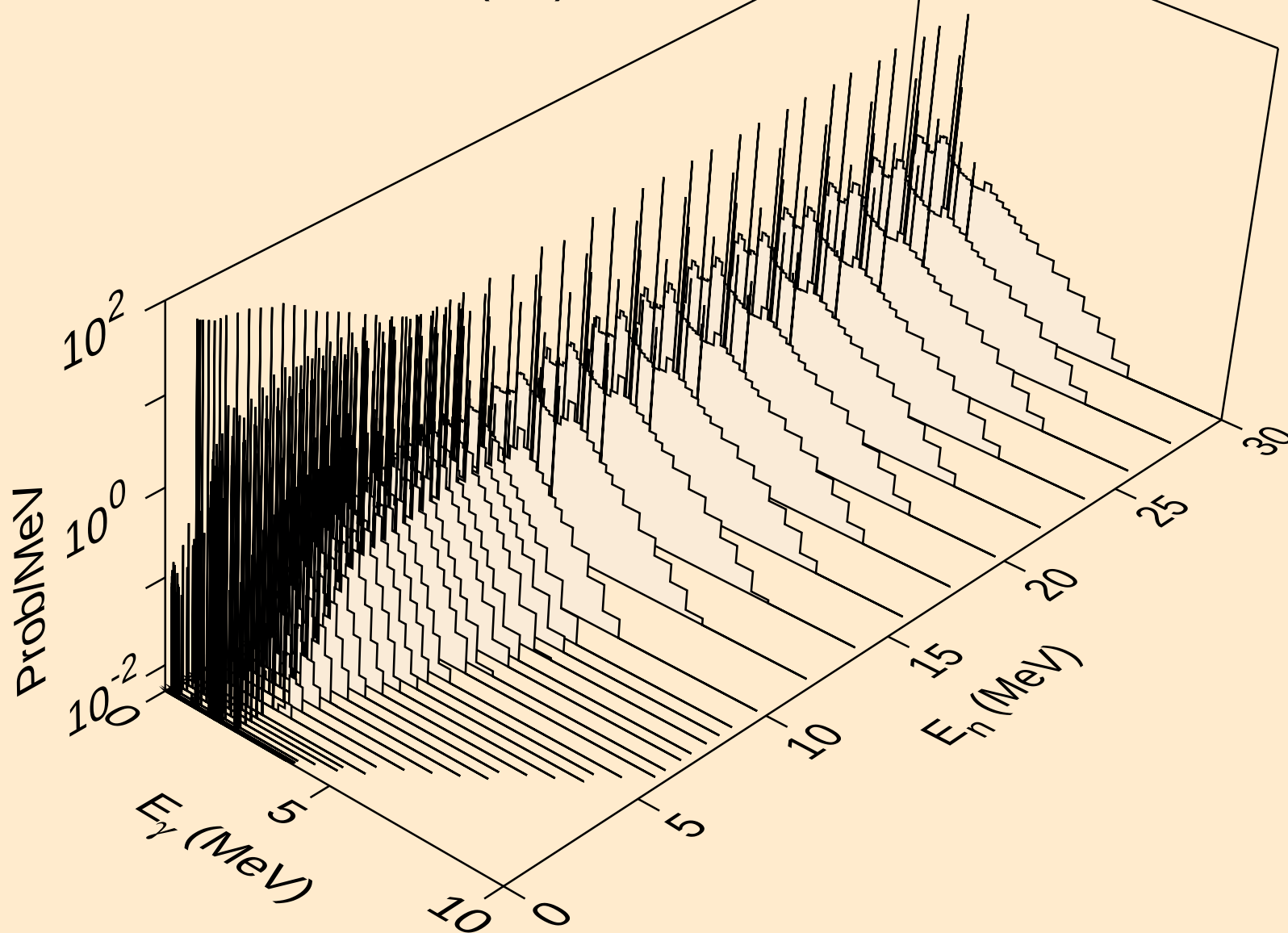
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Photon emission for (n,t)



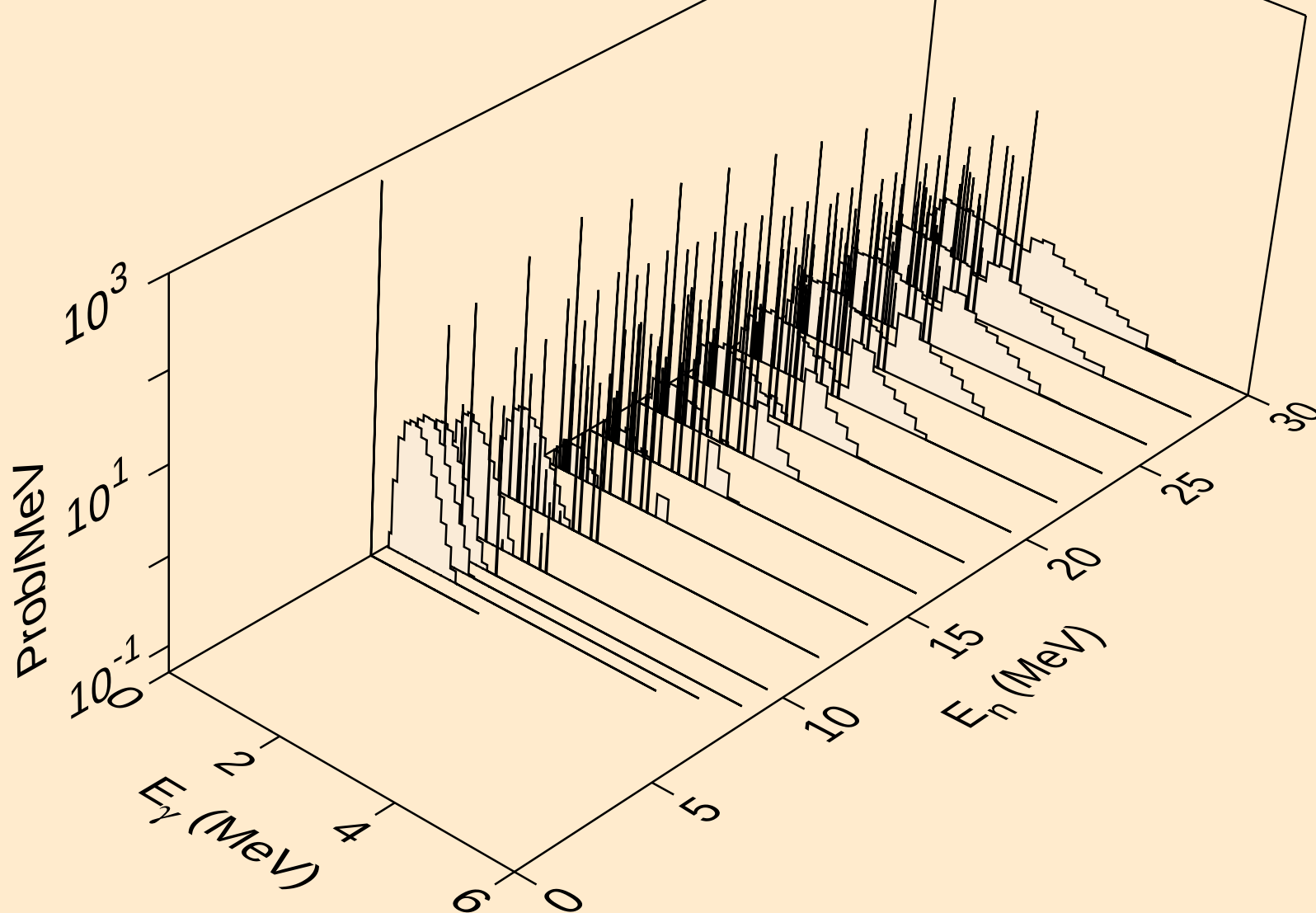
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Photon emission for (n,he3)



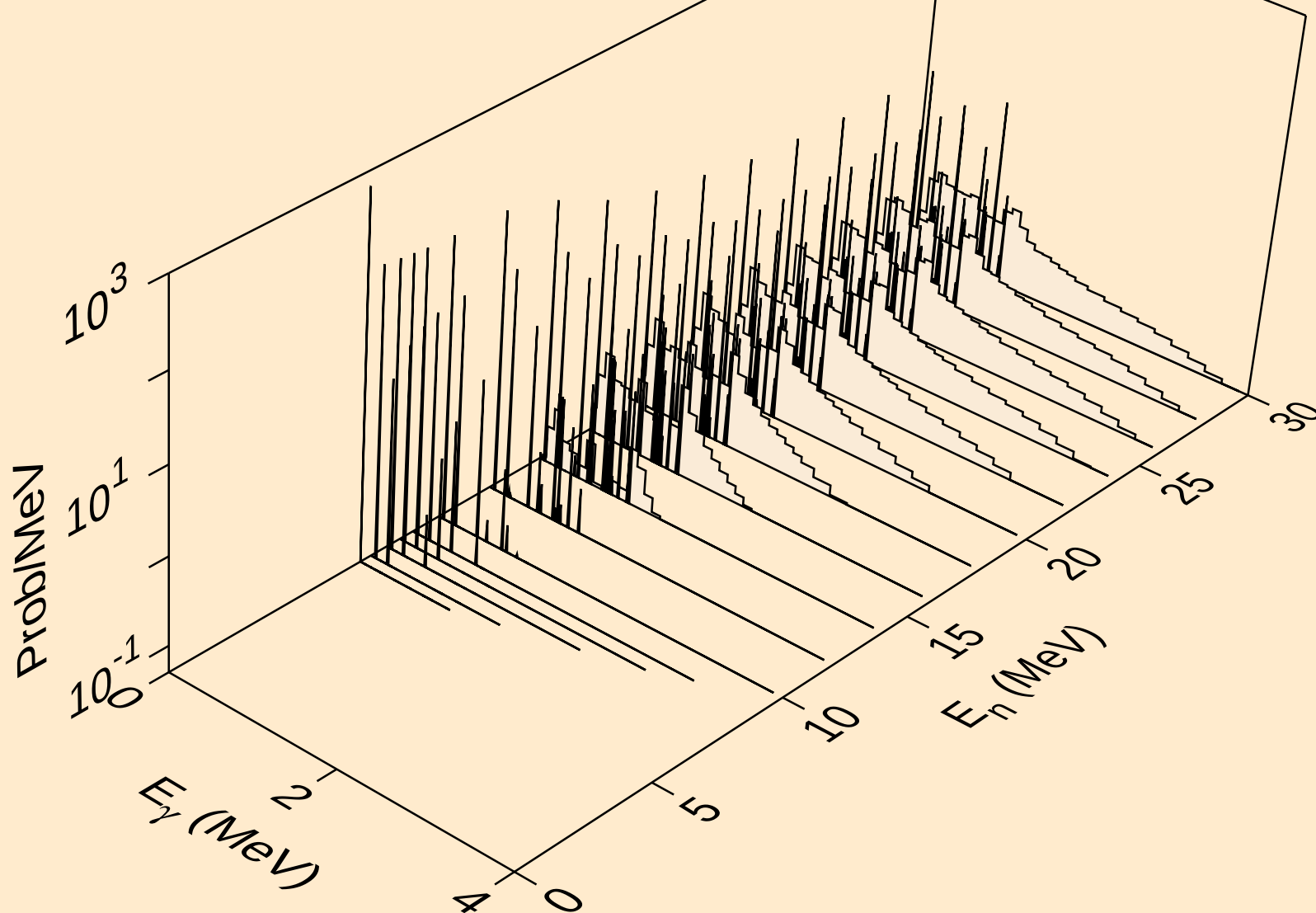
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Photon emission for (n,a)



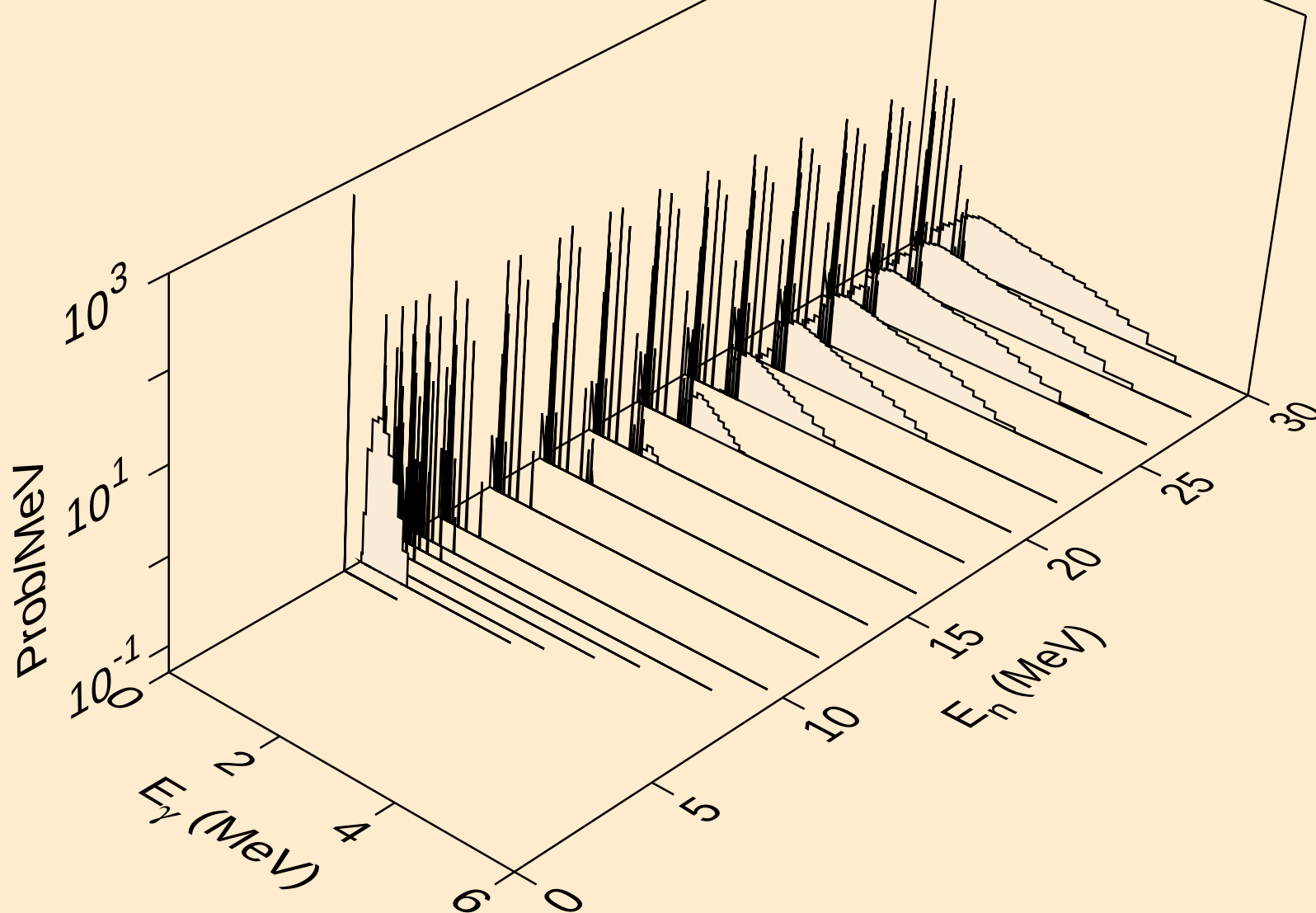
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



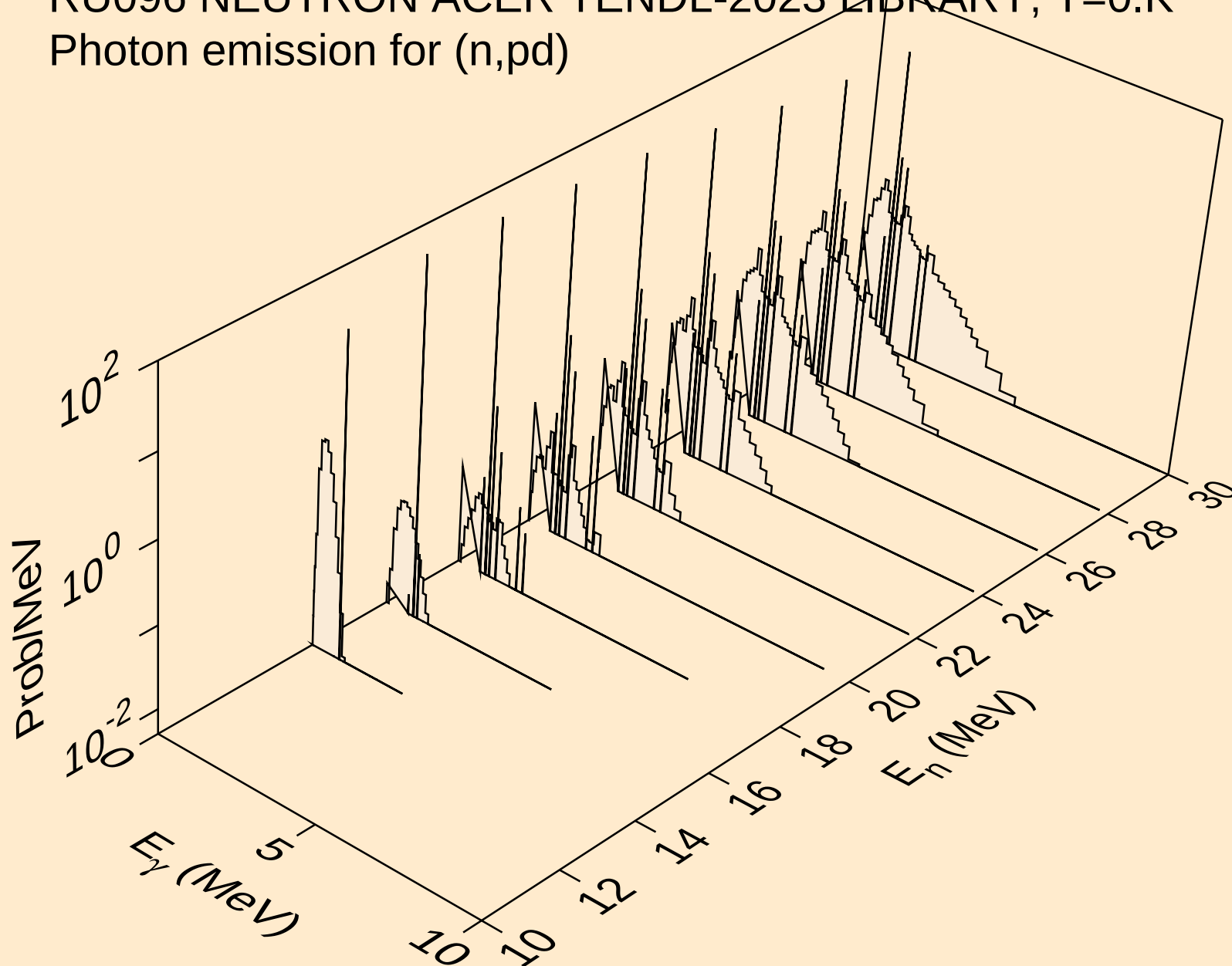
RU096 NEUTRON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,2p)



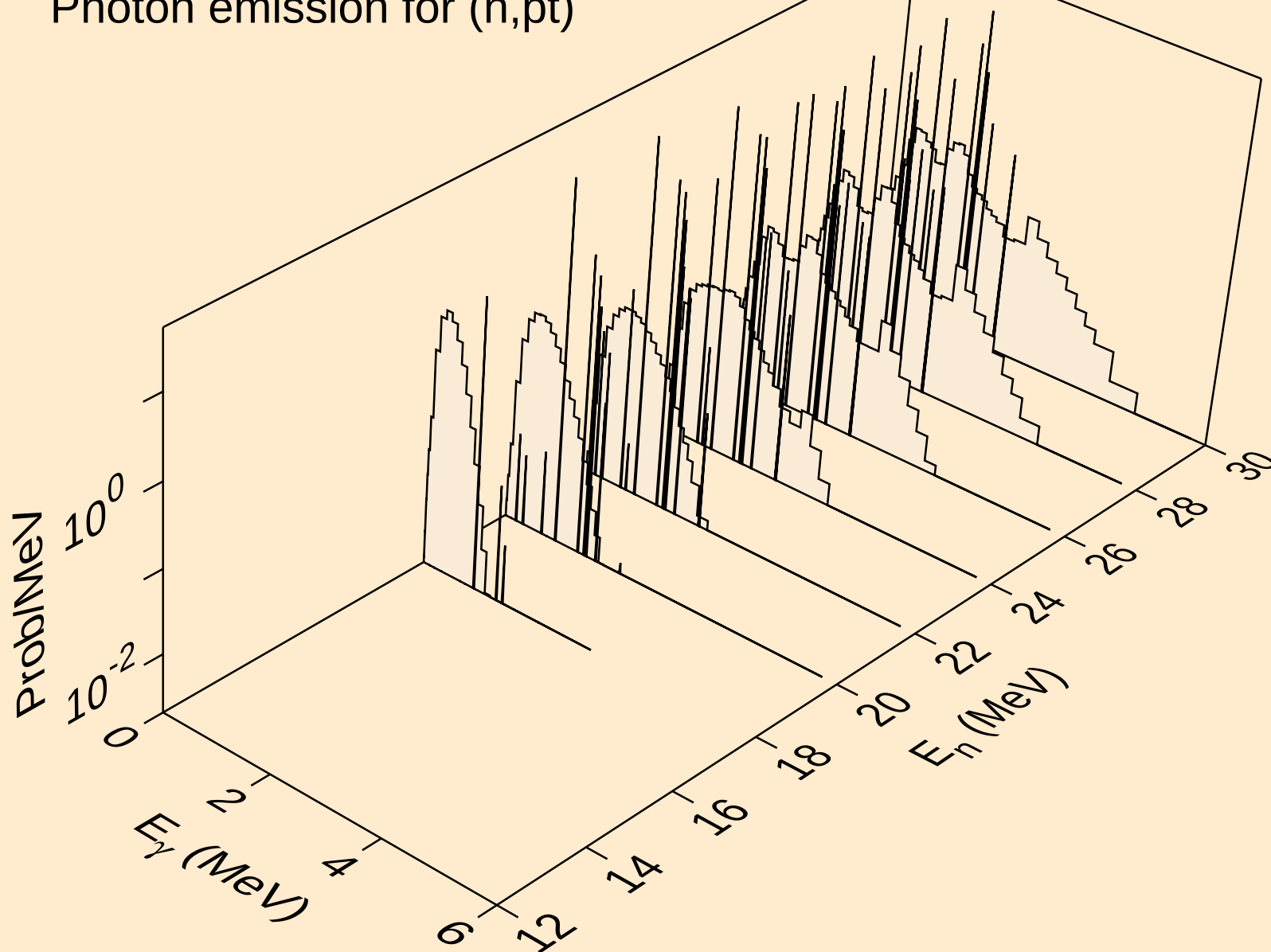
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



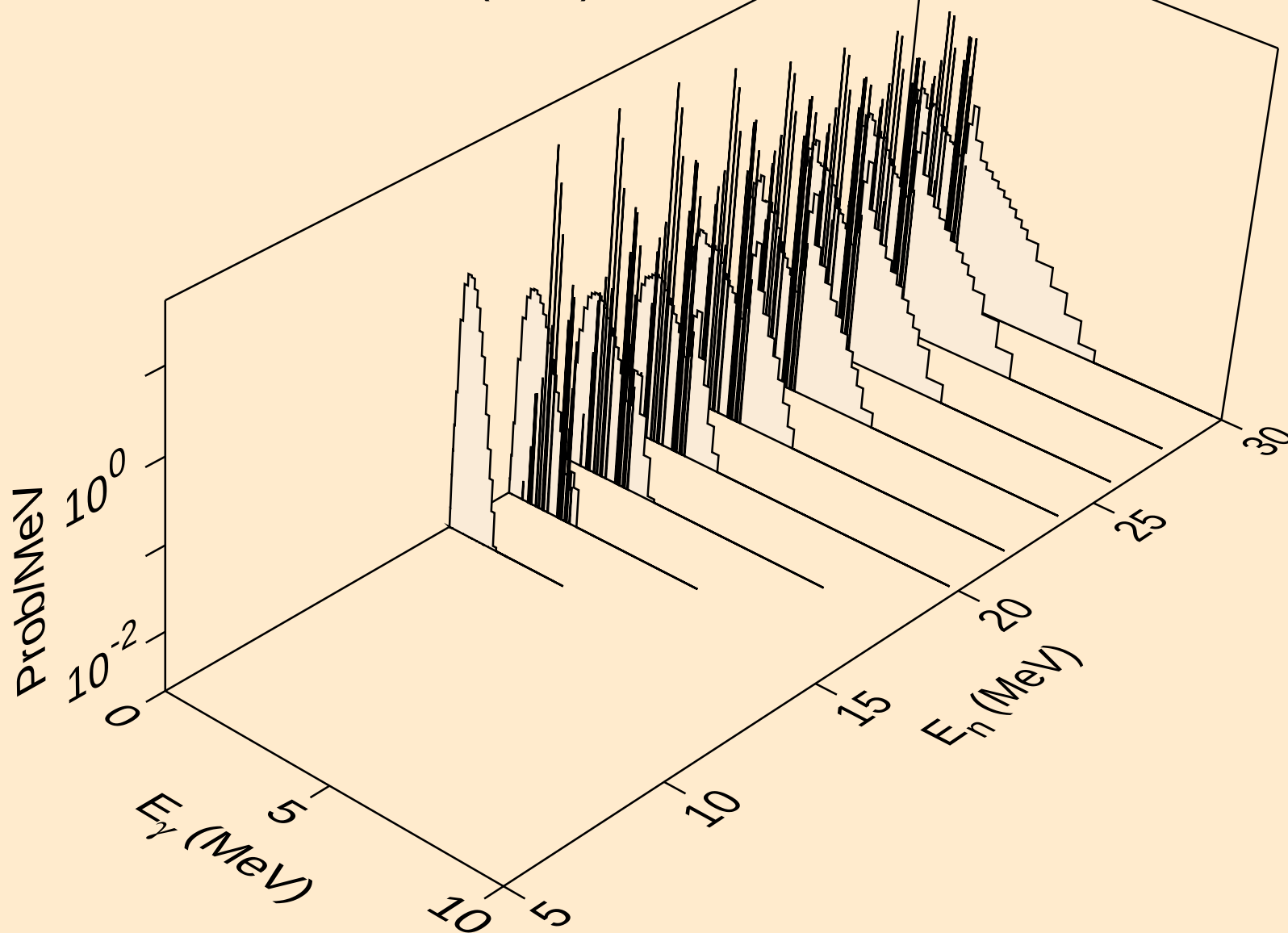
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



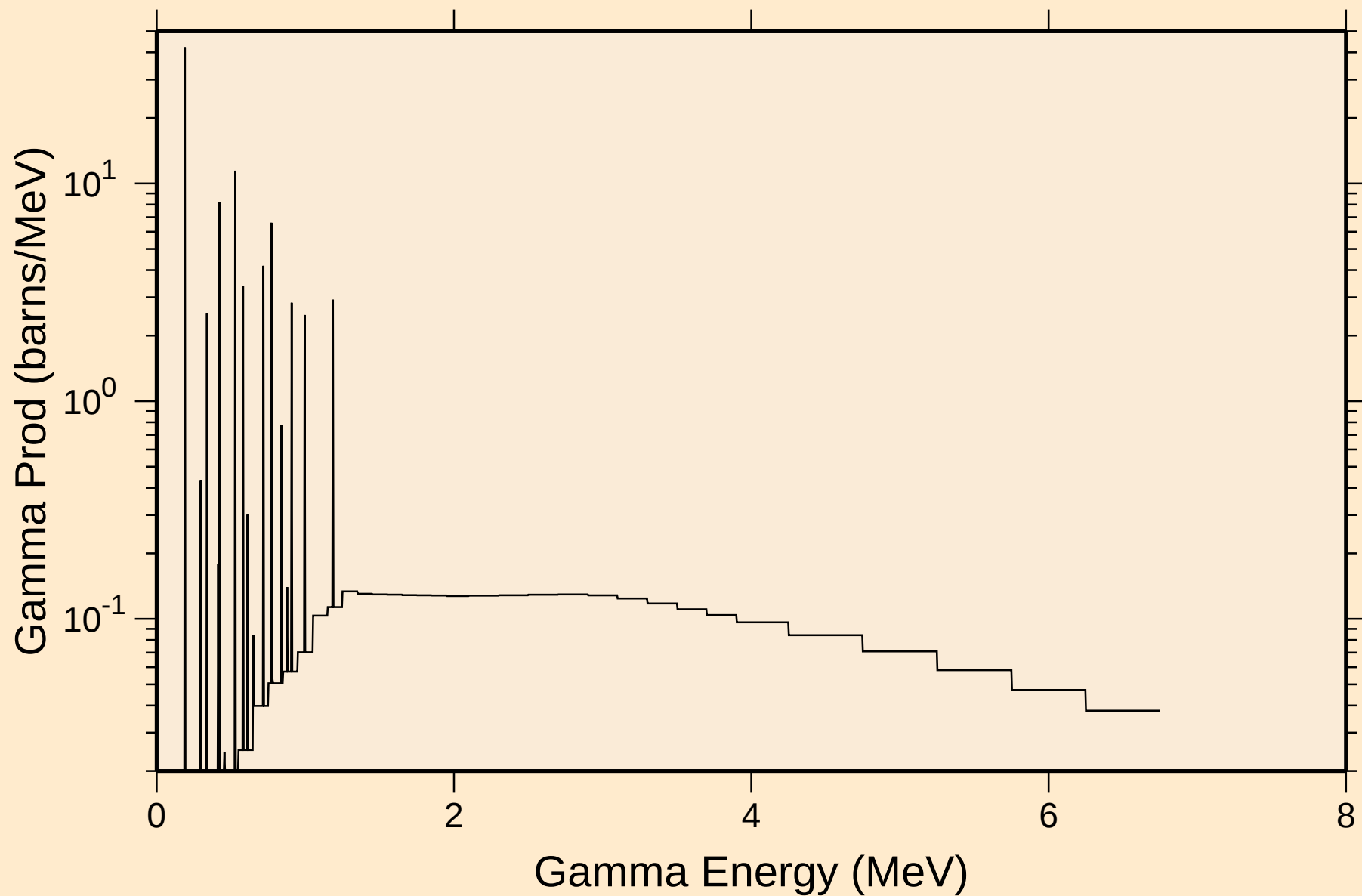
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



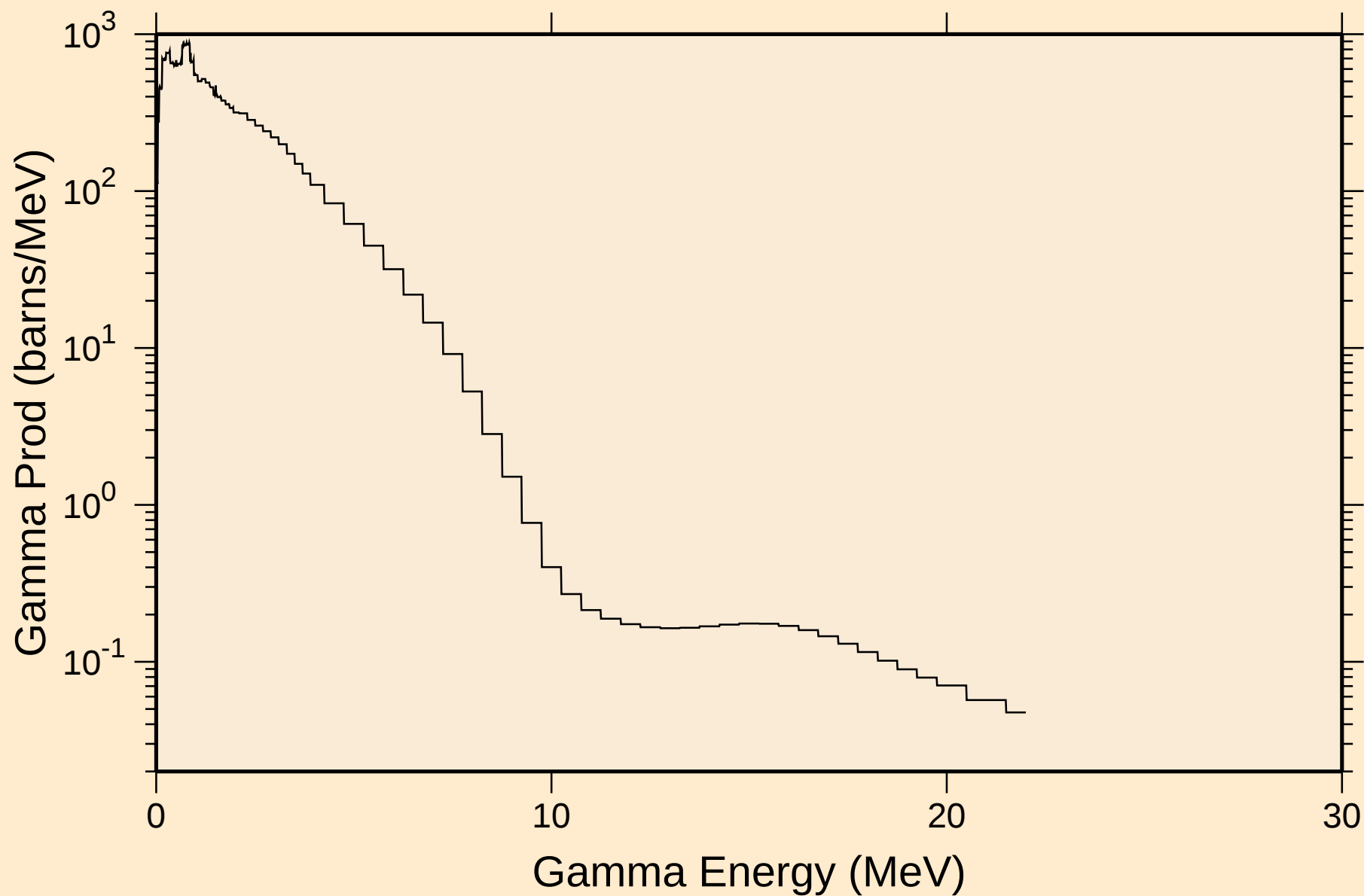
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

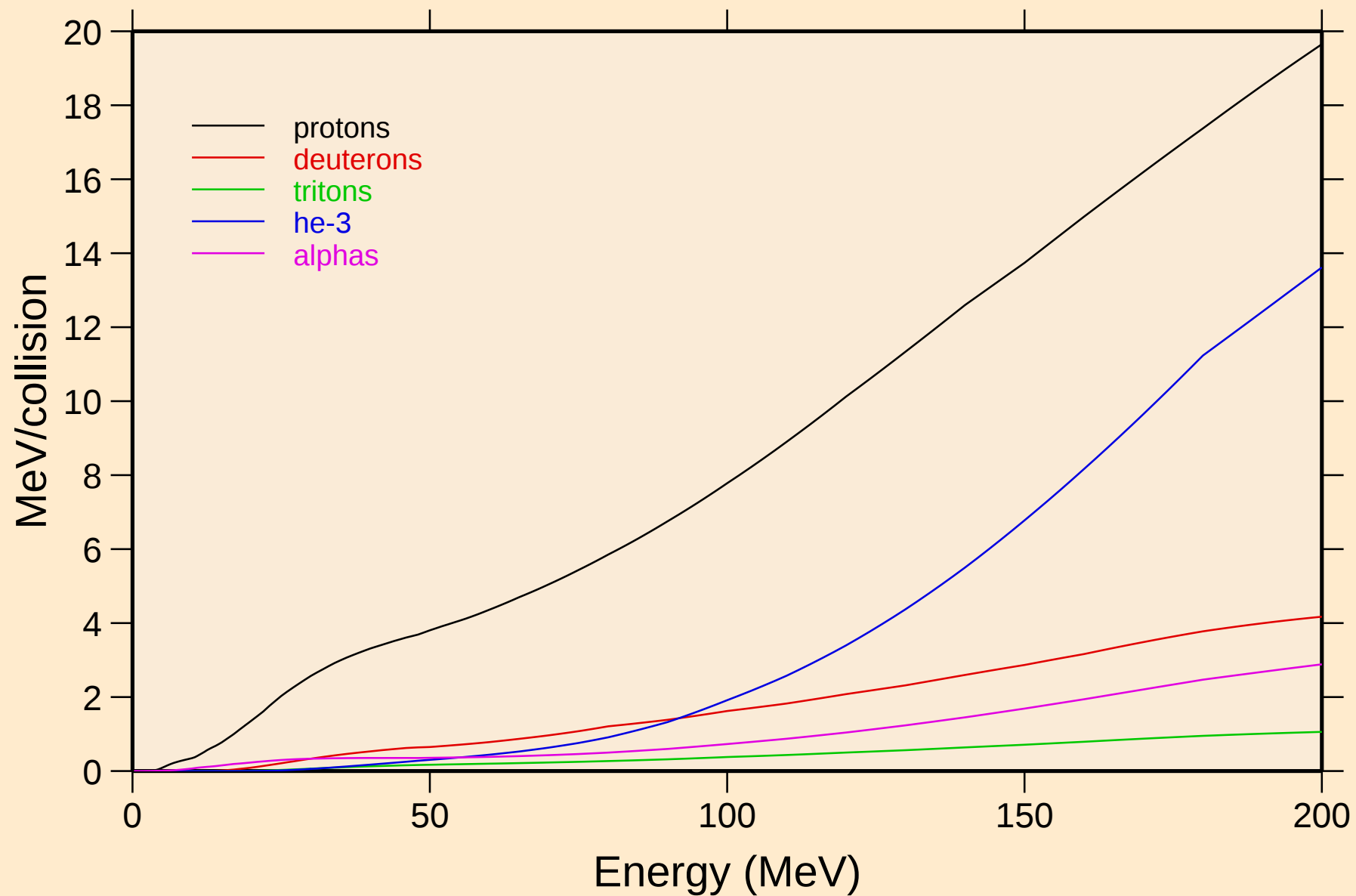


RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

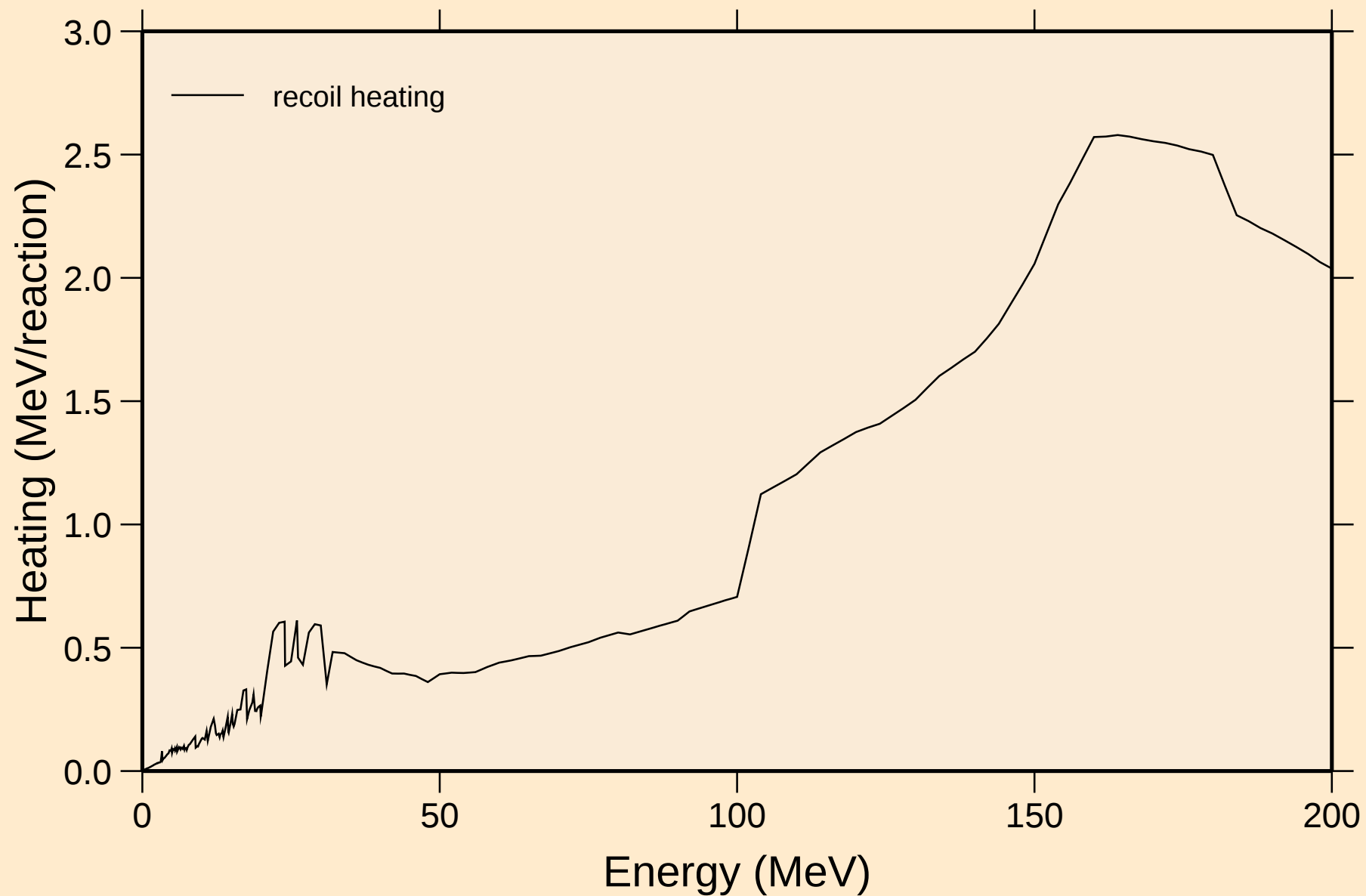


# RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

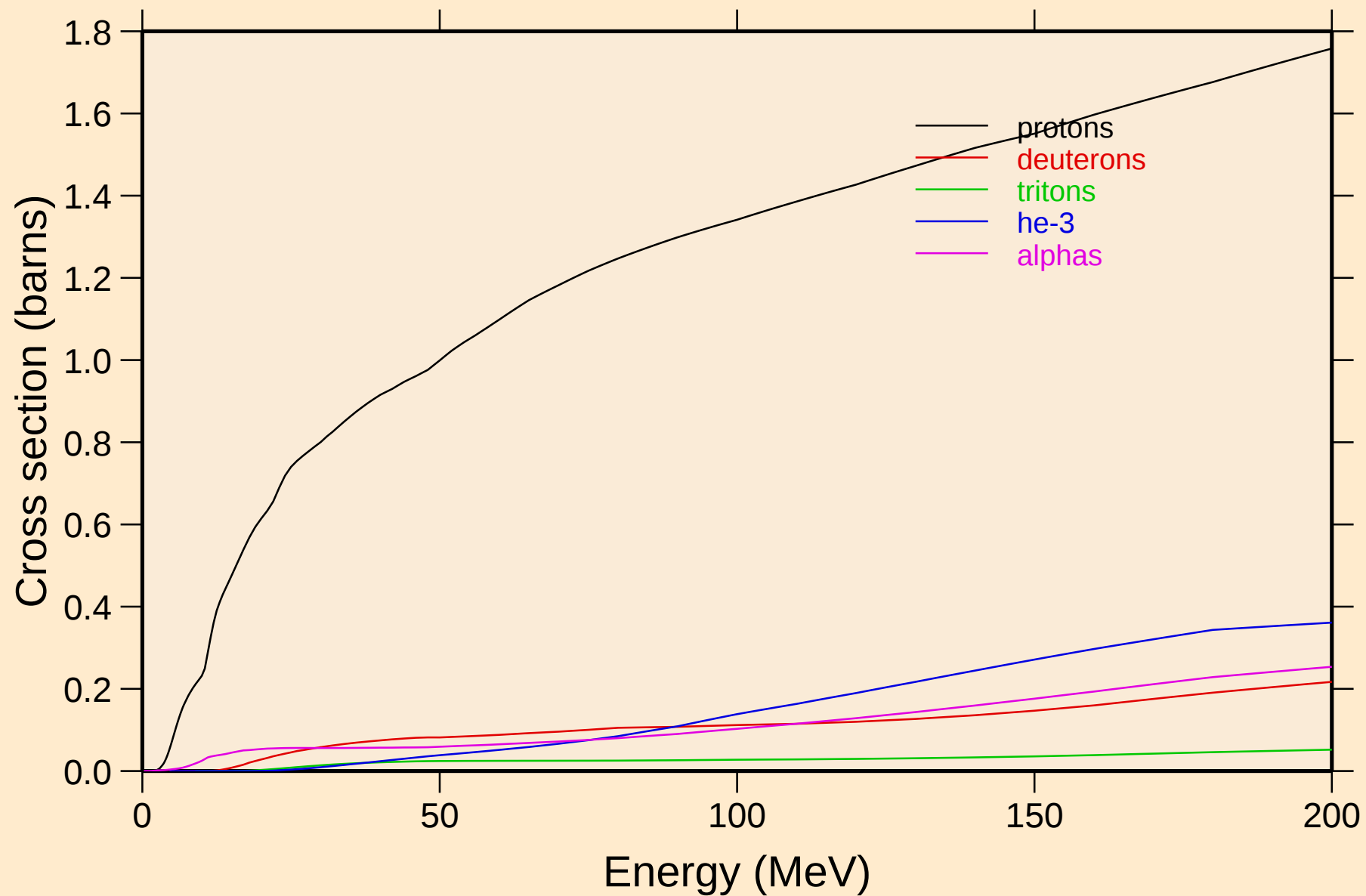


RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

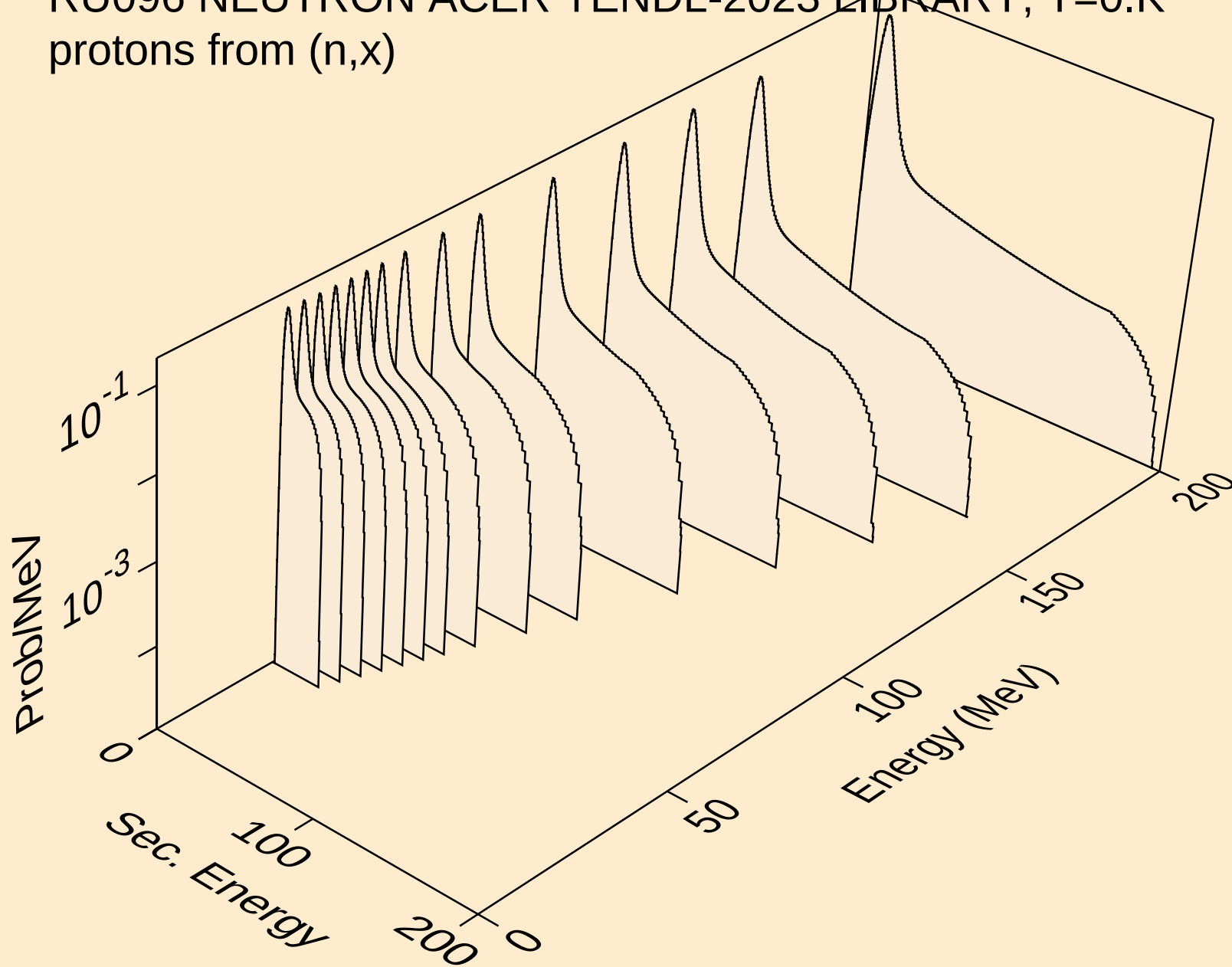


# RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

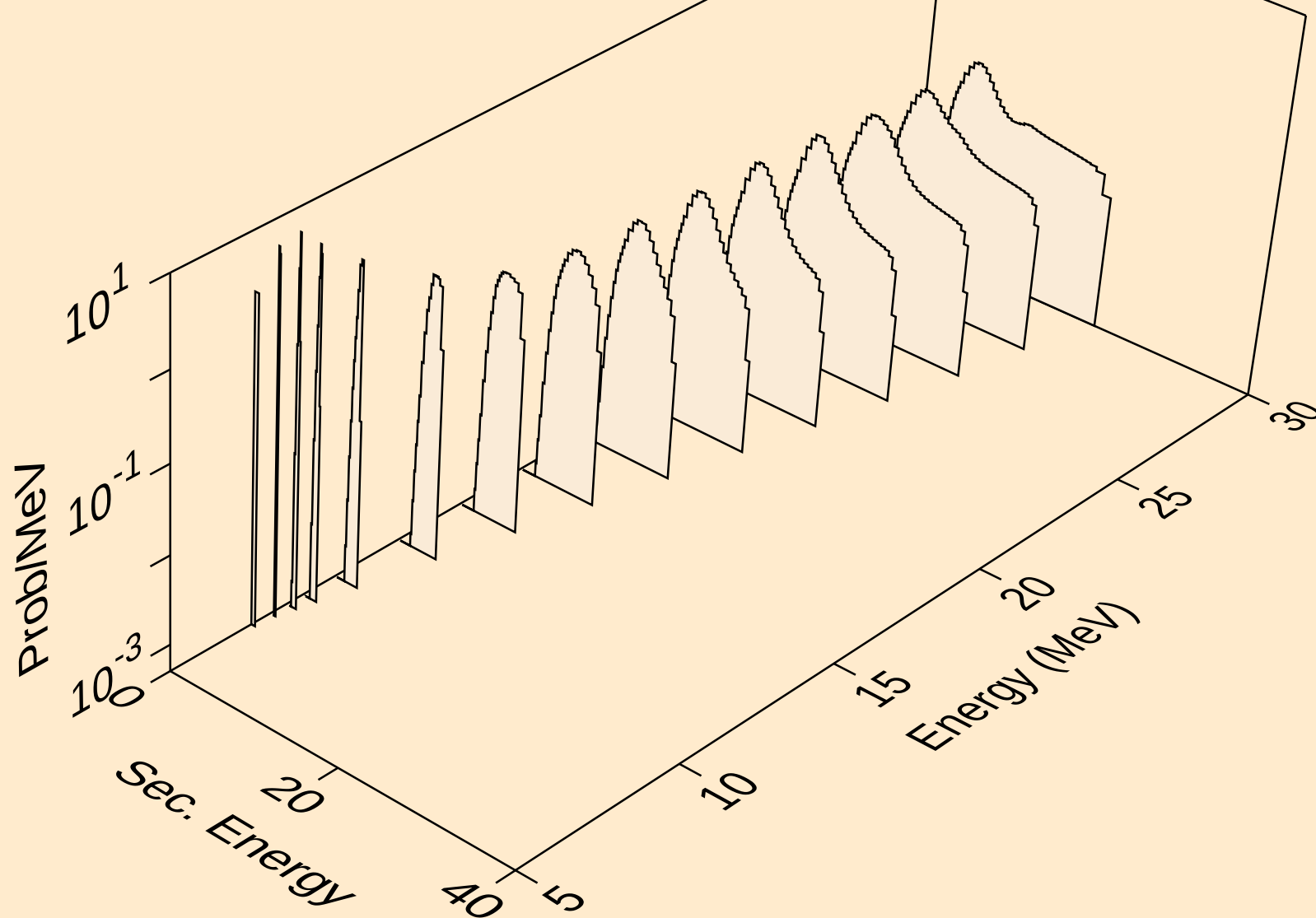
## Particle production cross sections



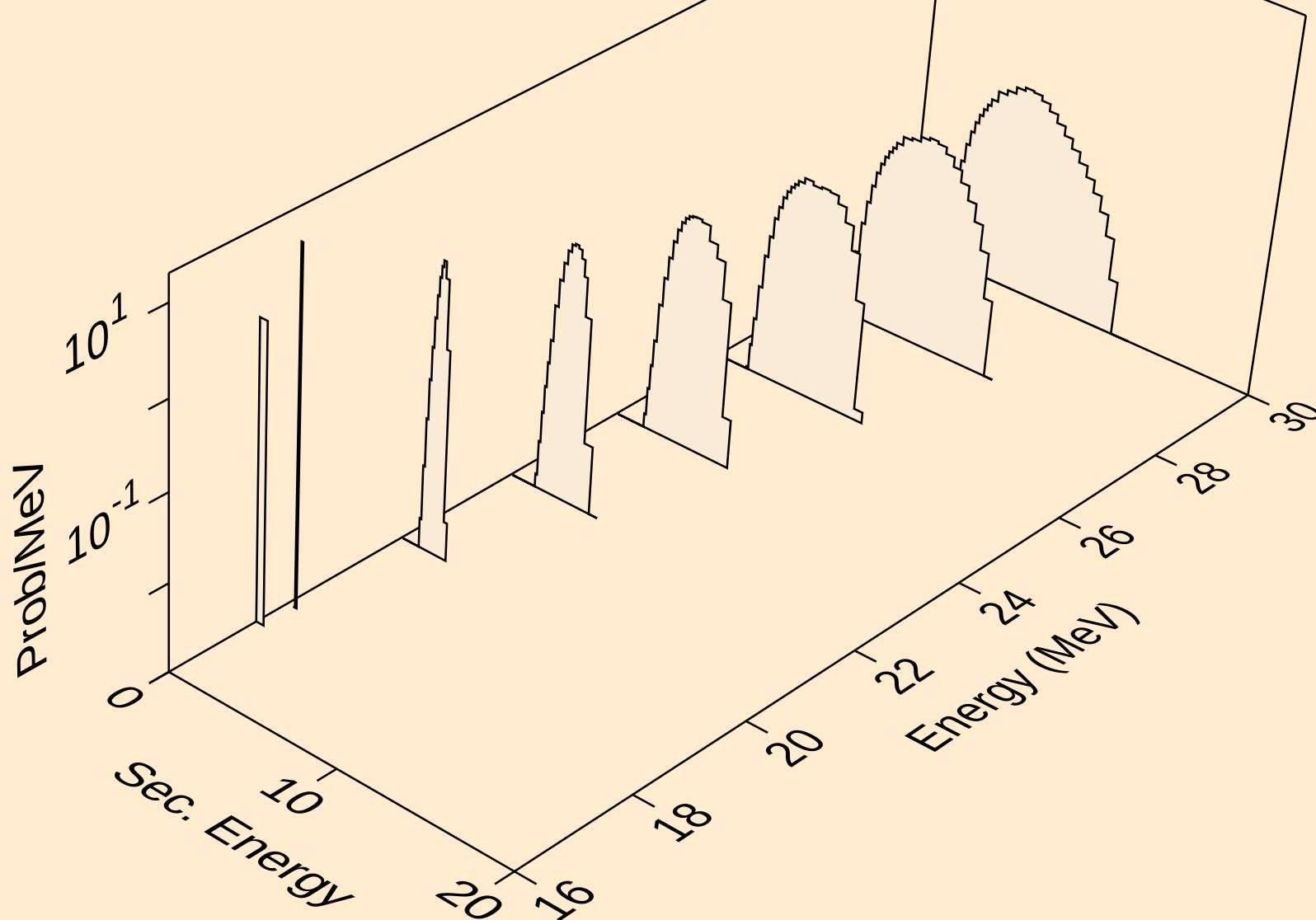
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



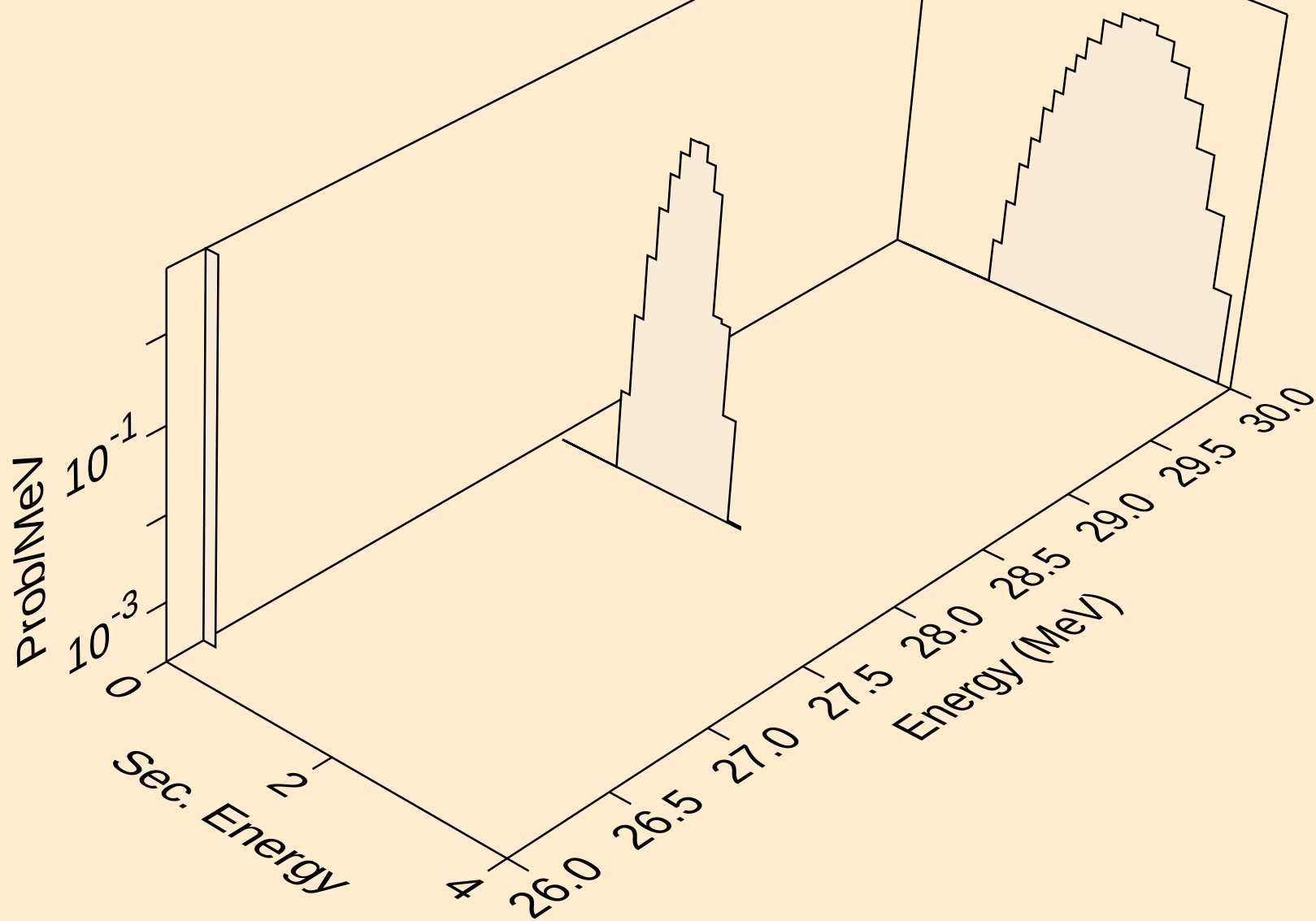
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protons from (n,n\*)p



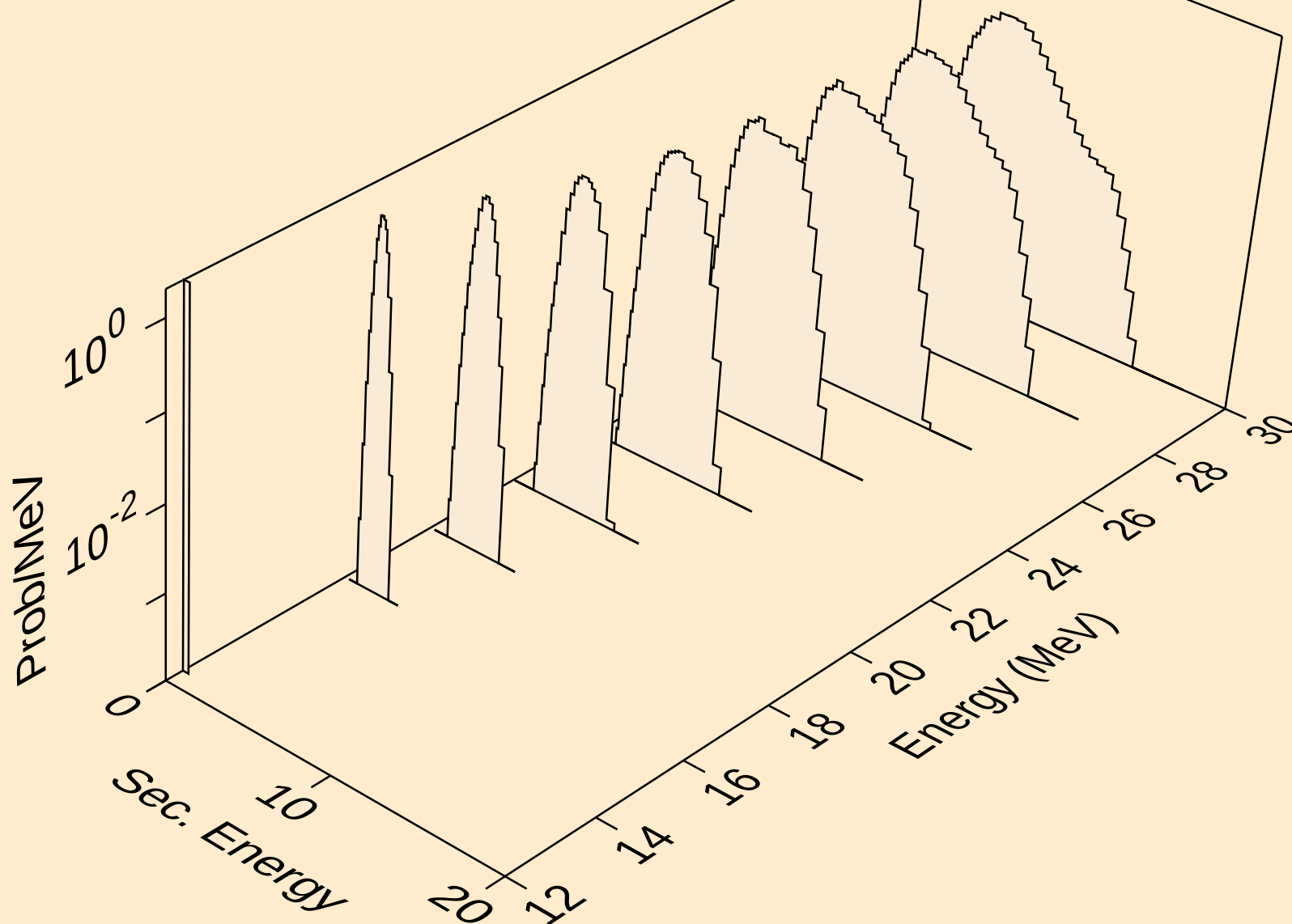
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protons from (n,2np)



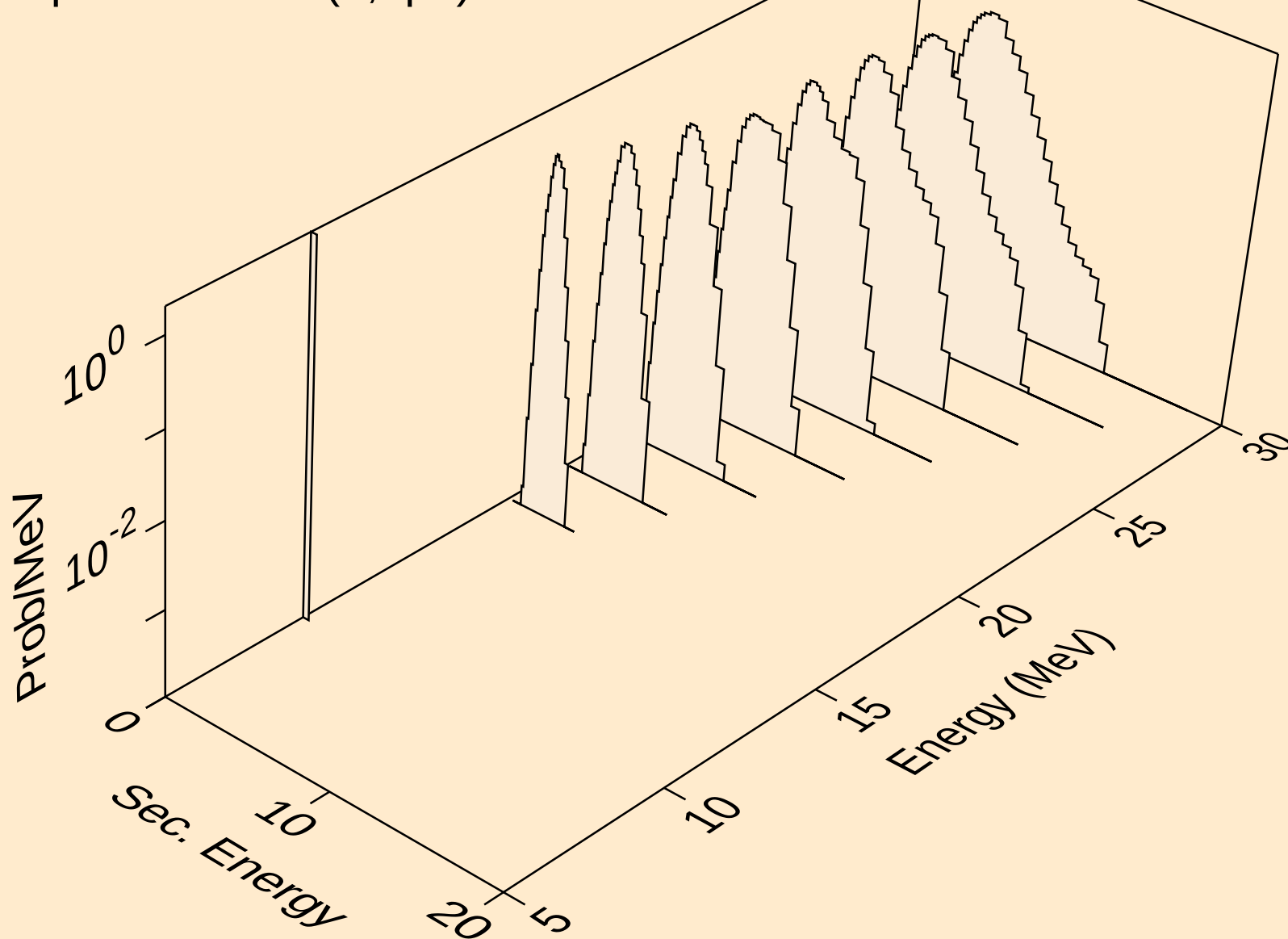
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protons from (n,3np)



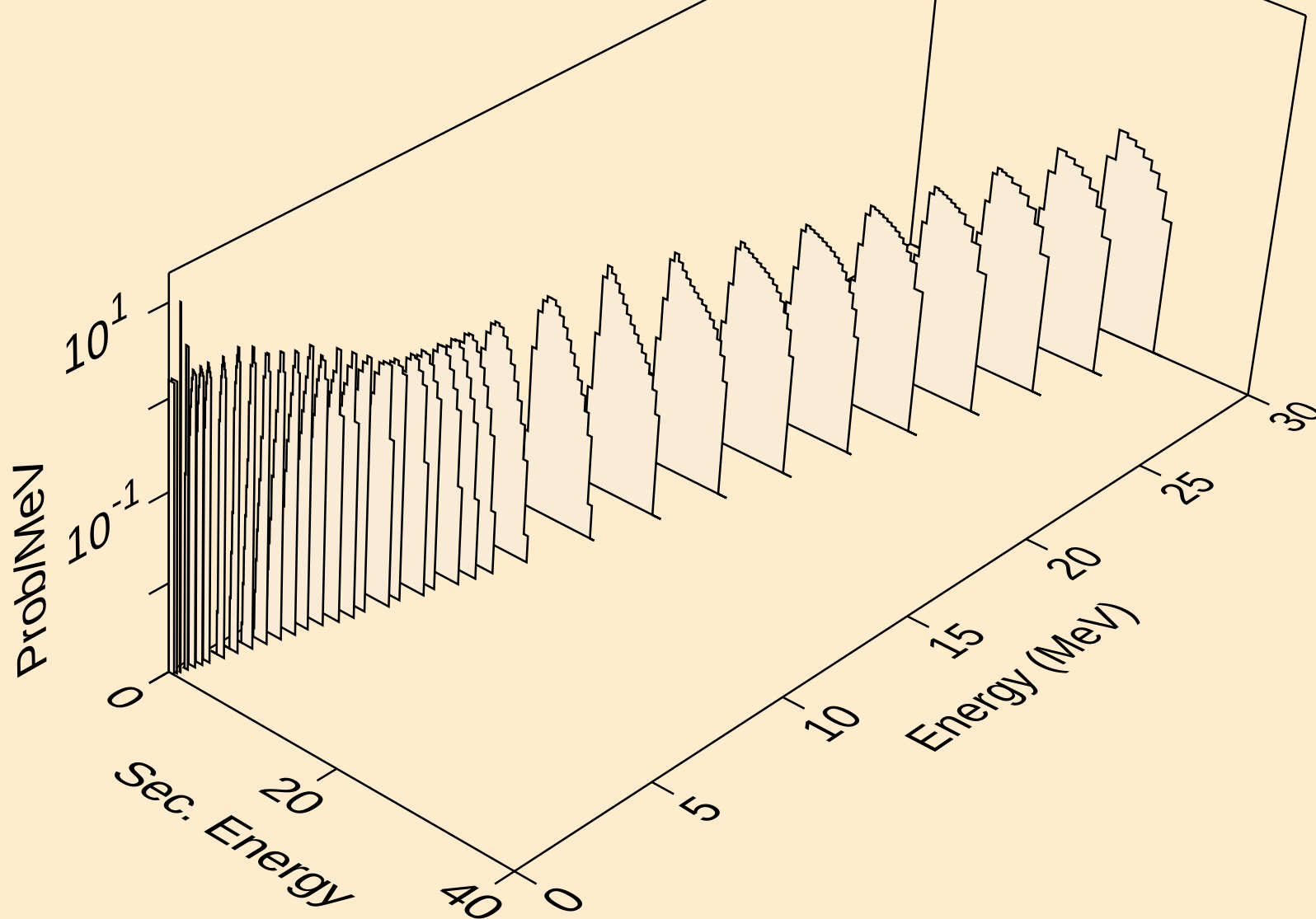
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protons from (n,n2p)



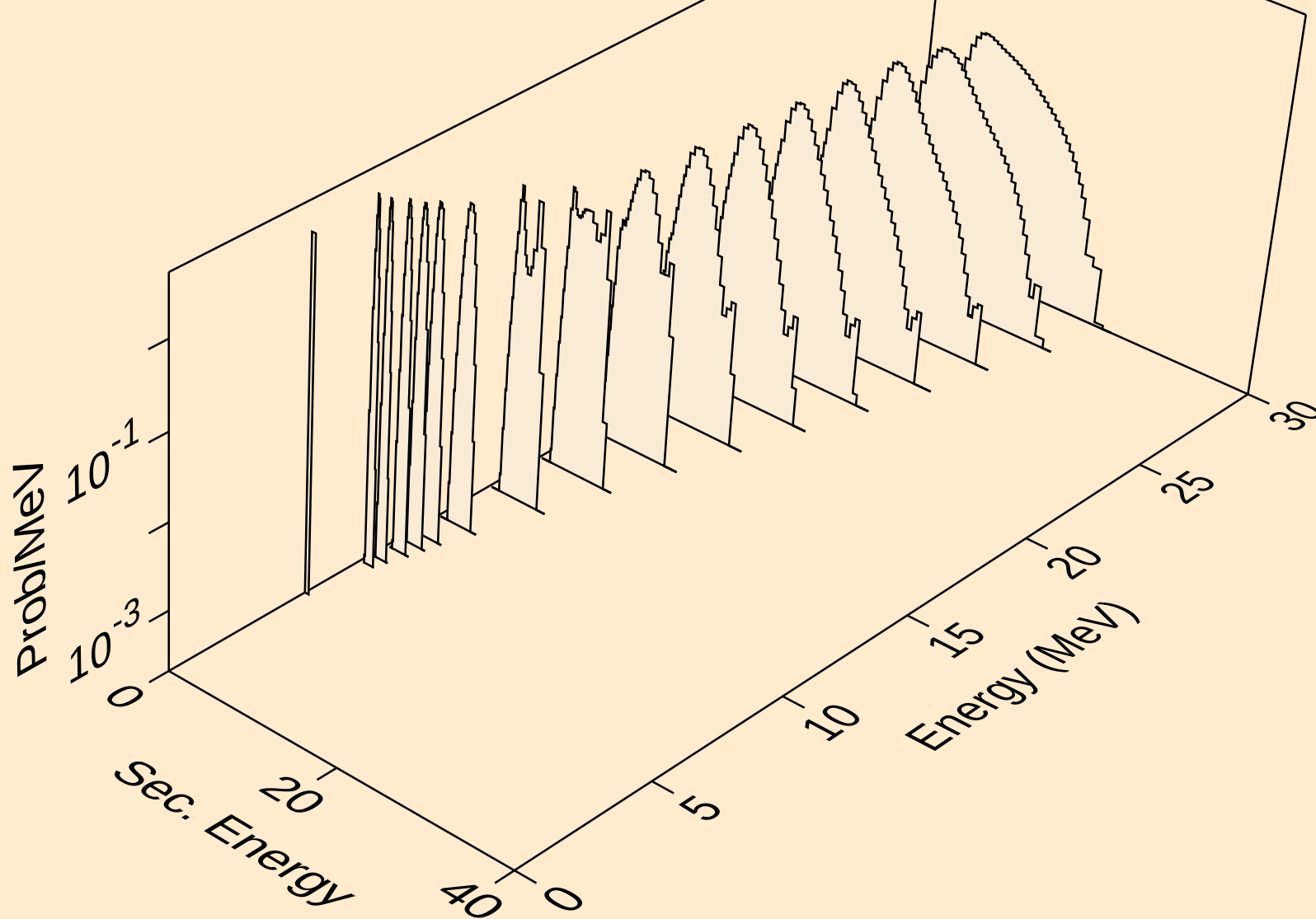
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protons from (n,npa)



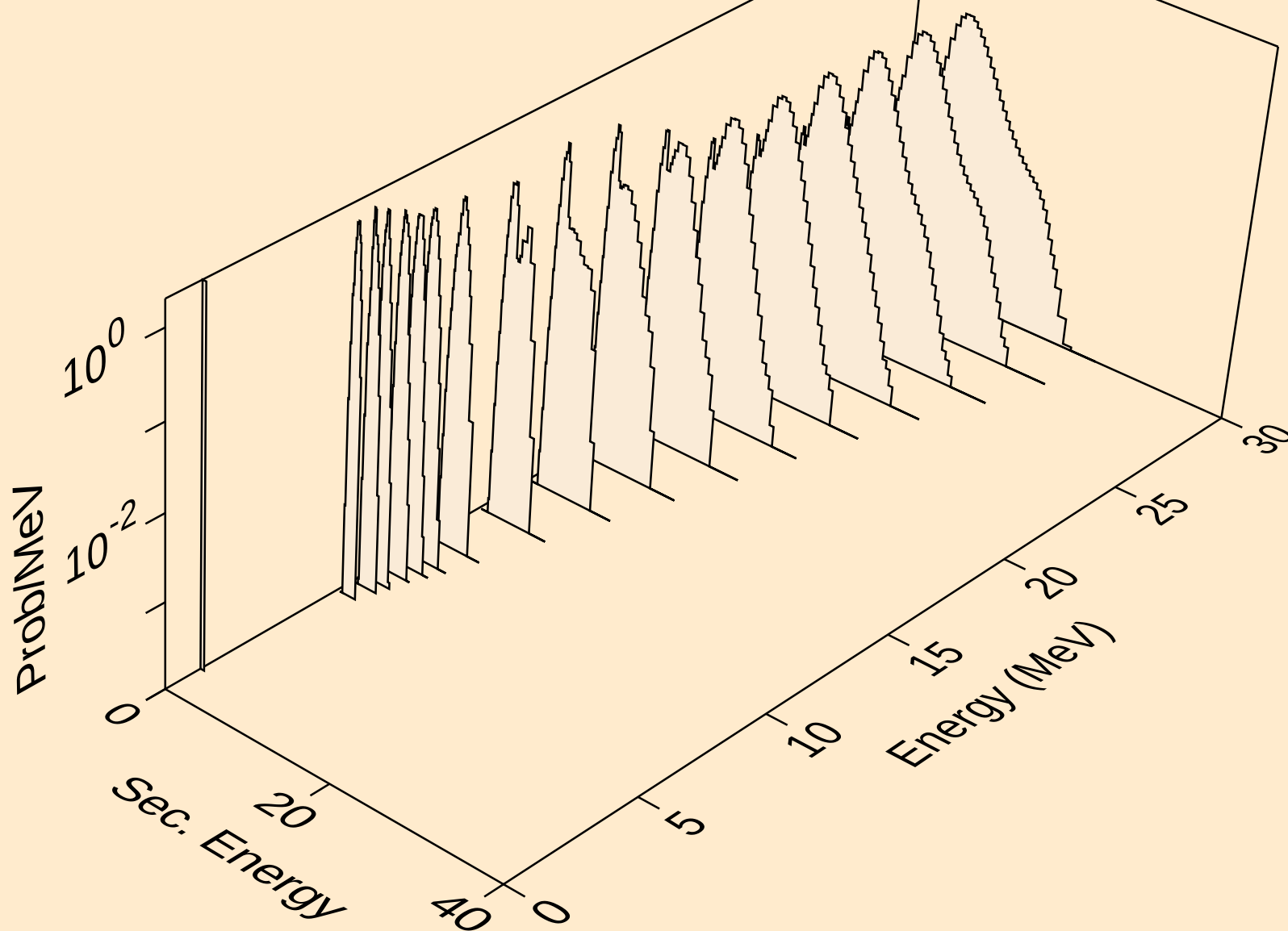
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protons from (n,p)



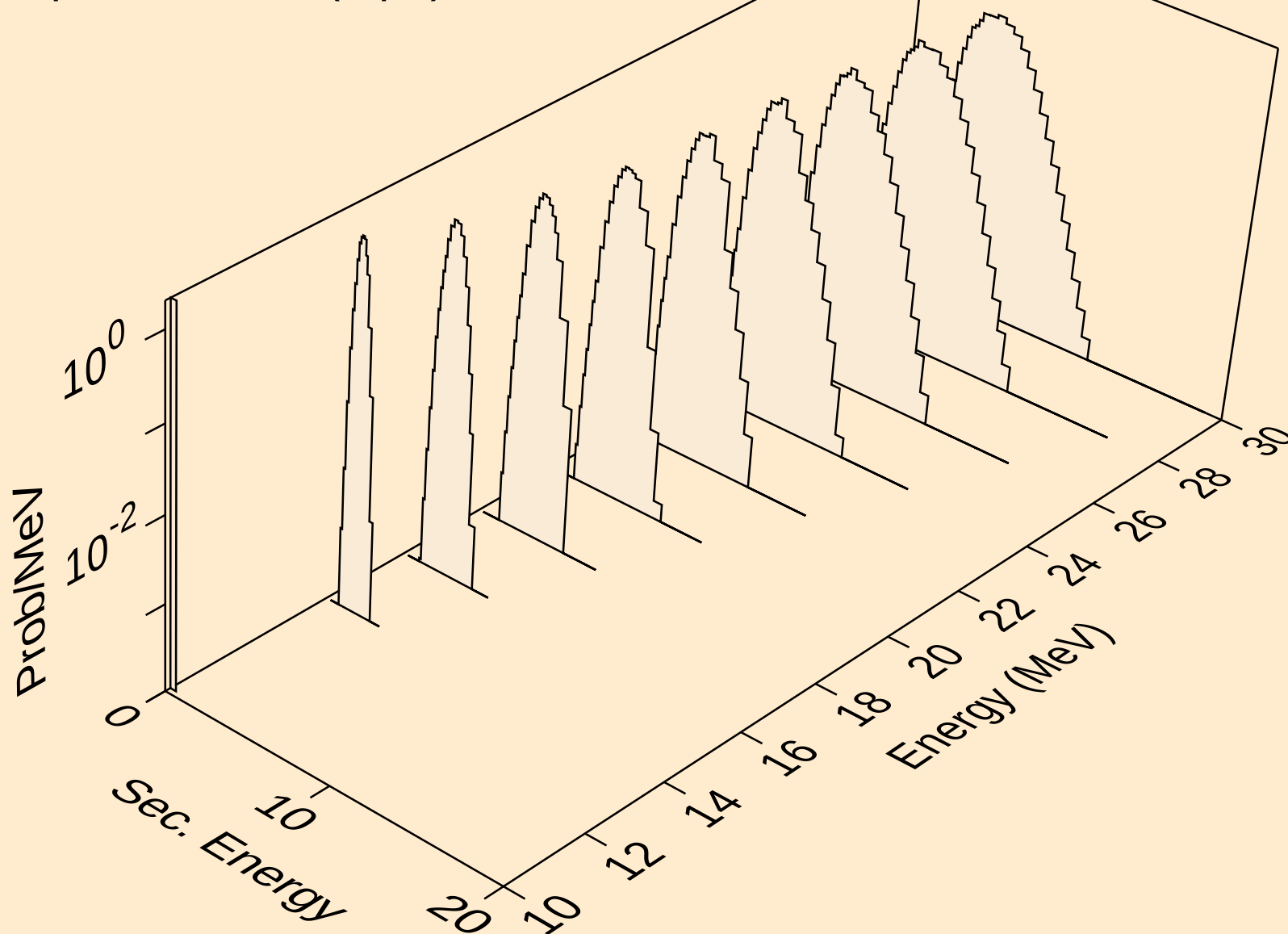
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protons from (n,2p)



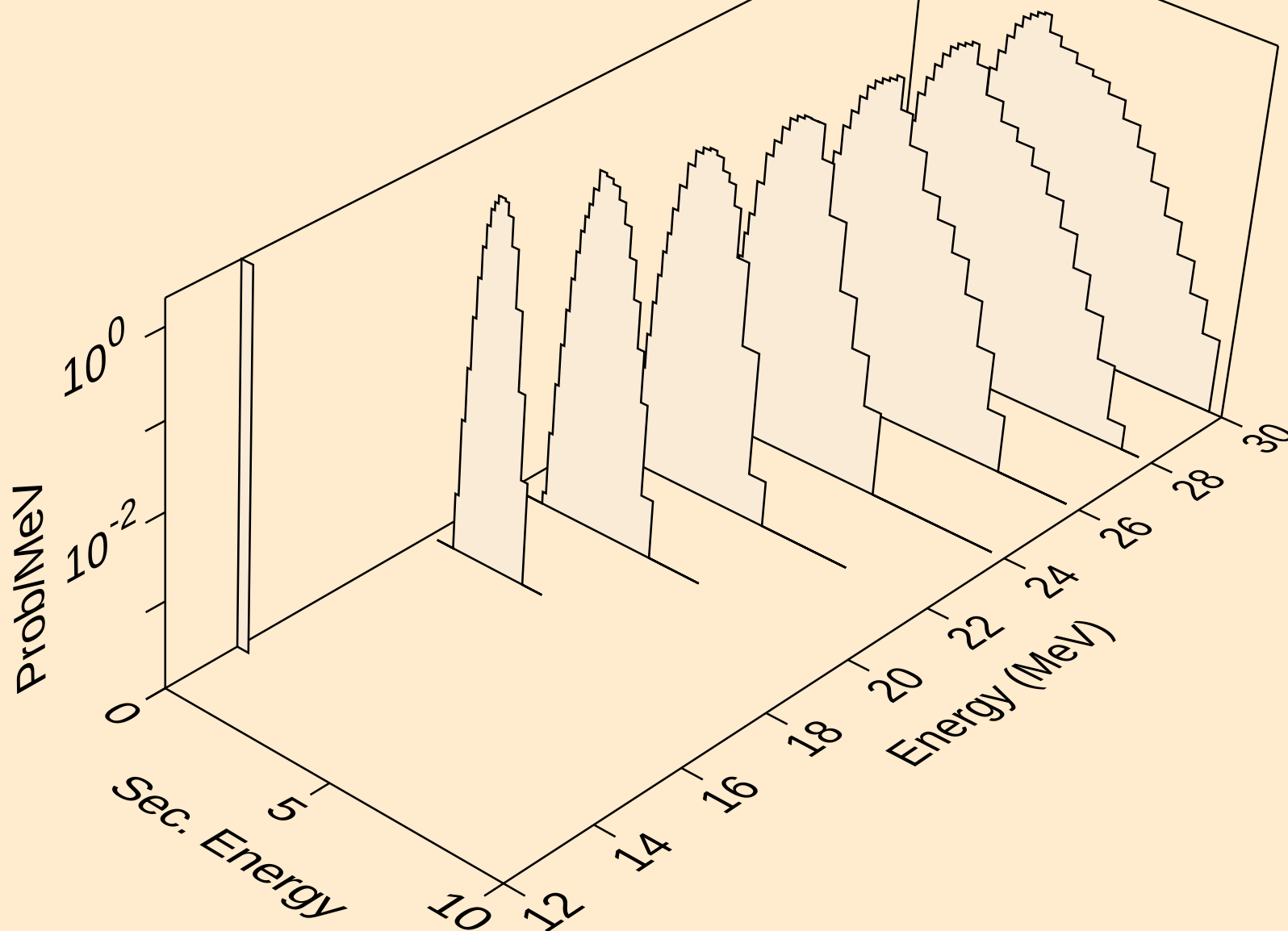
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protons from (n,p)



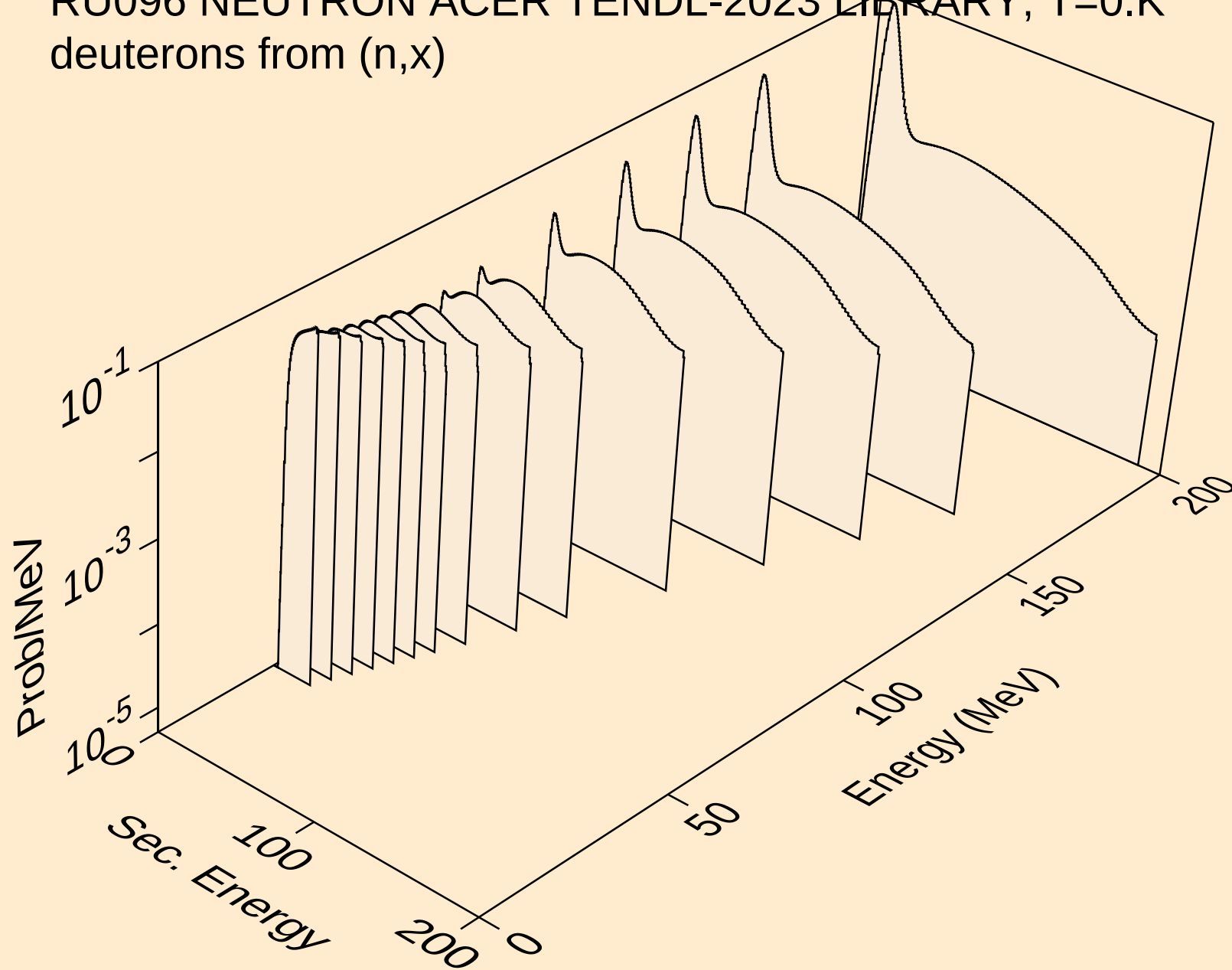
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protons from (n,pd)



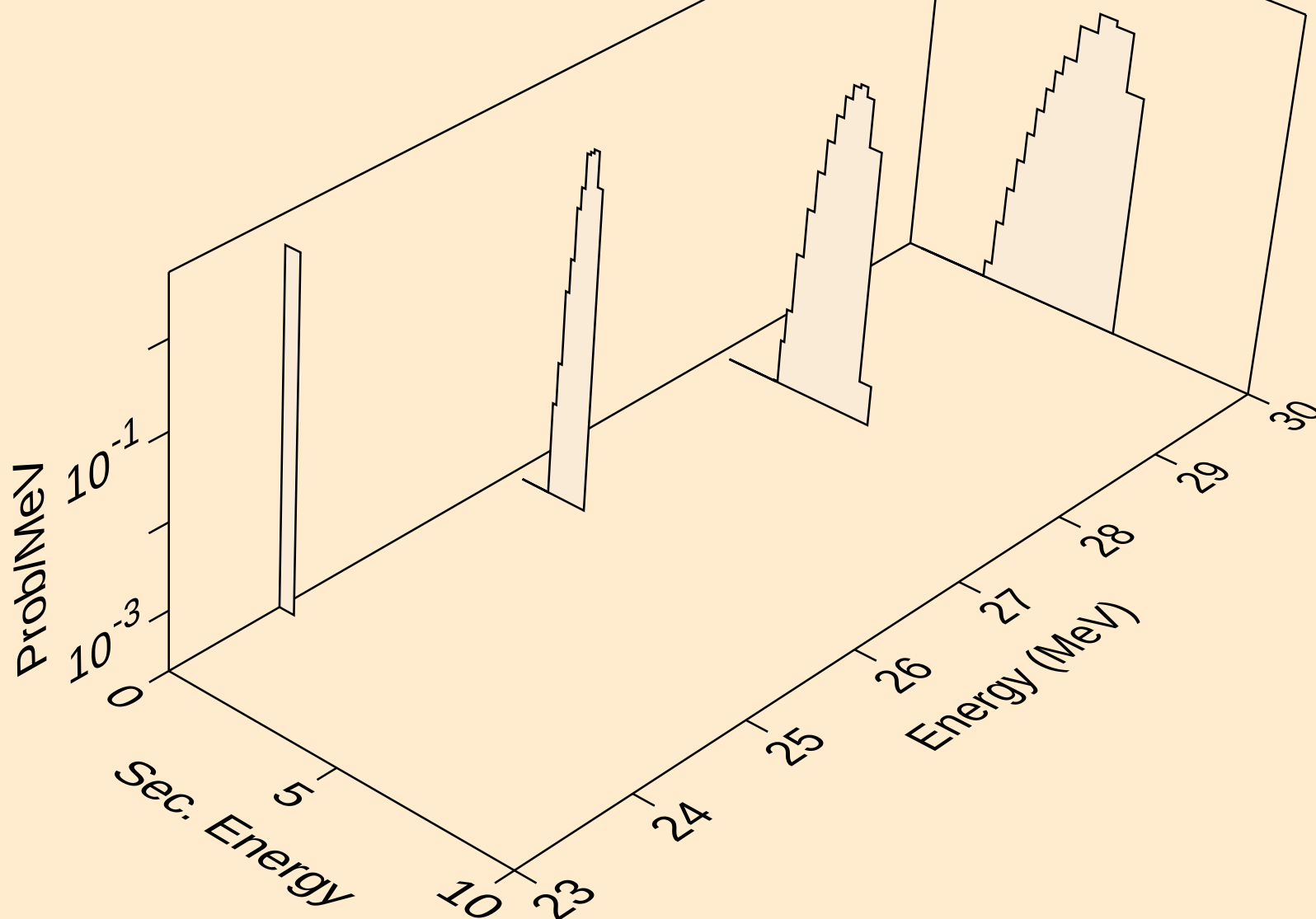
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protons from (n,pt)



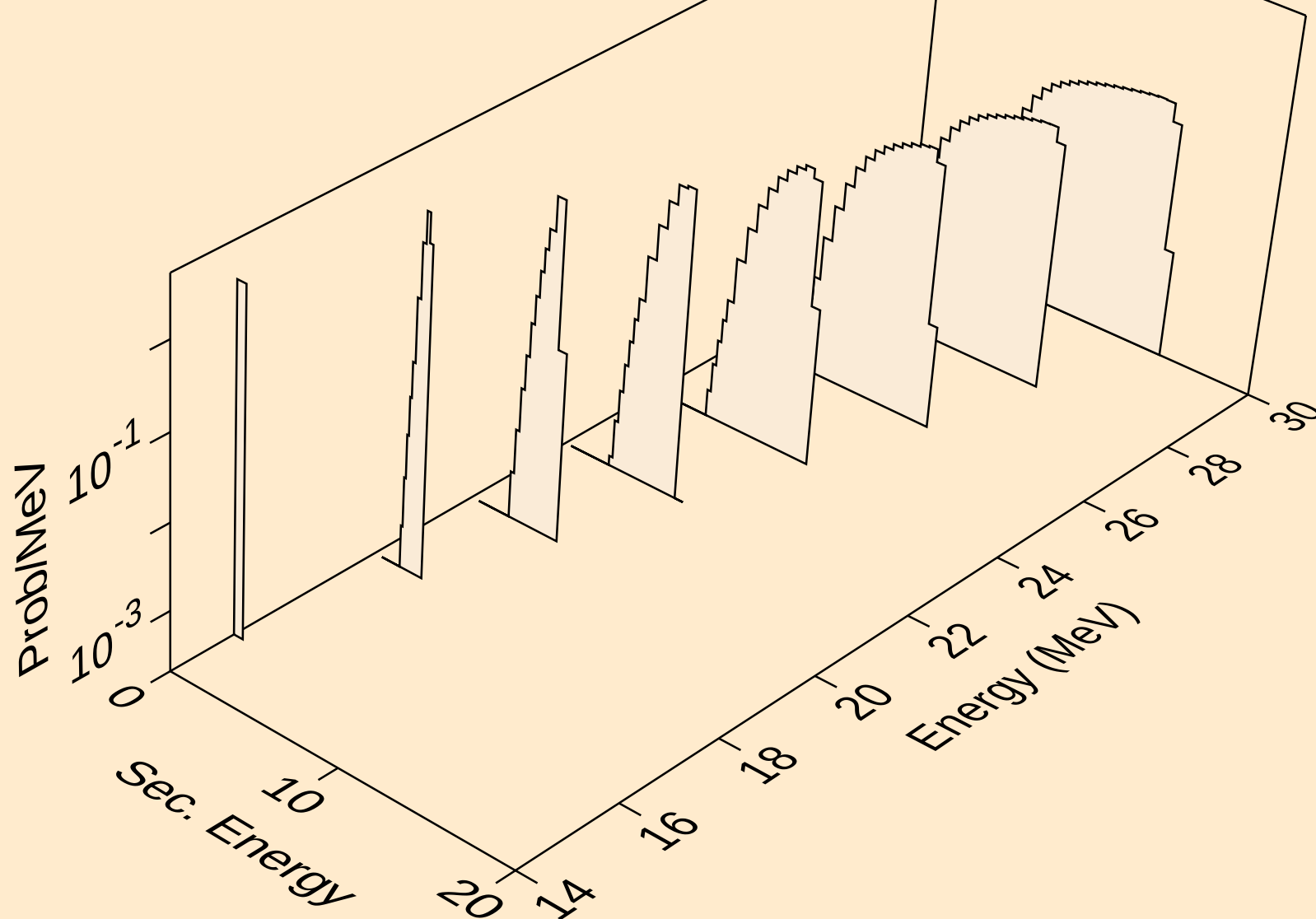
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deuterons from (n,x)



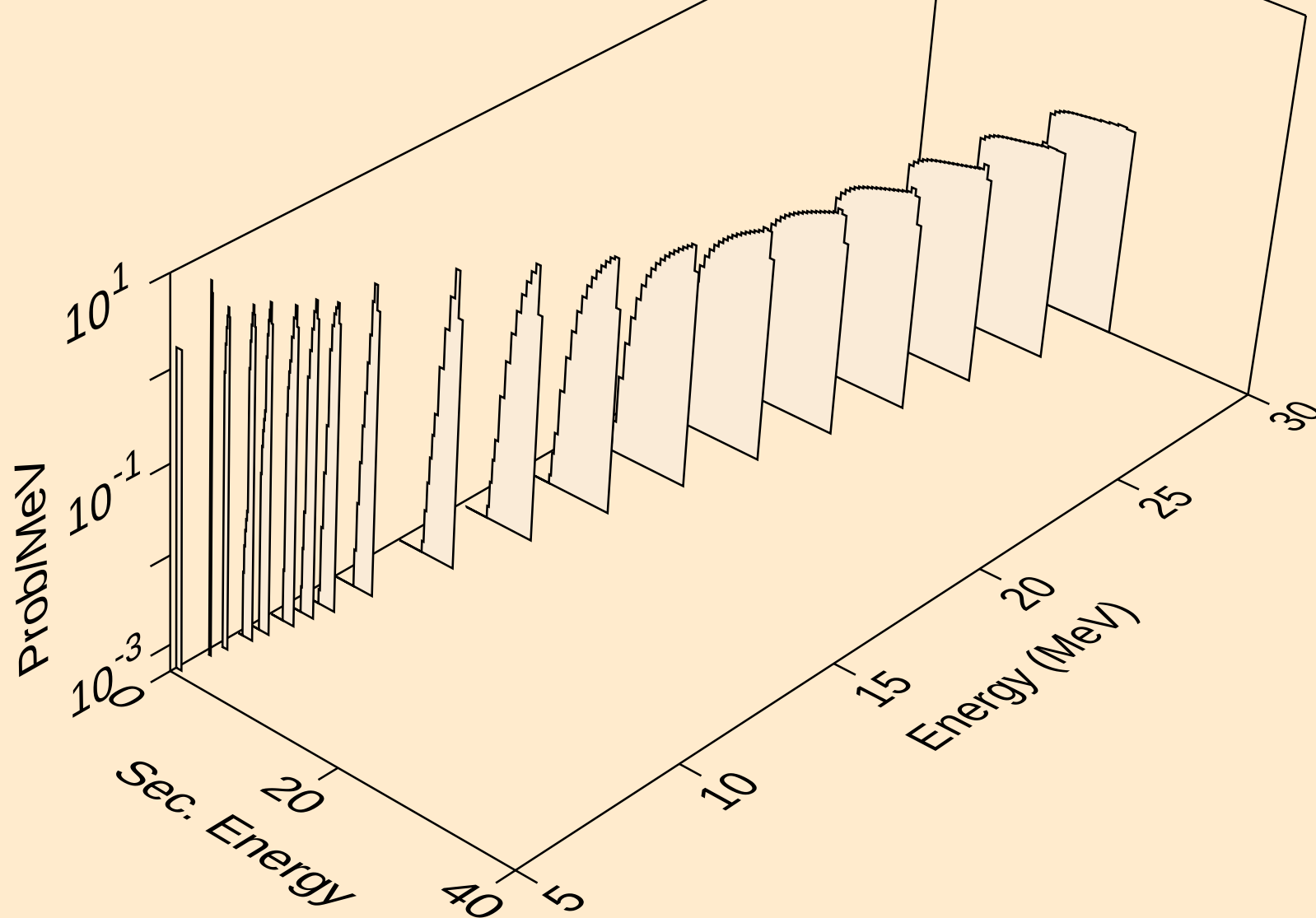
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deuterons from (n,2nd)



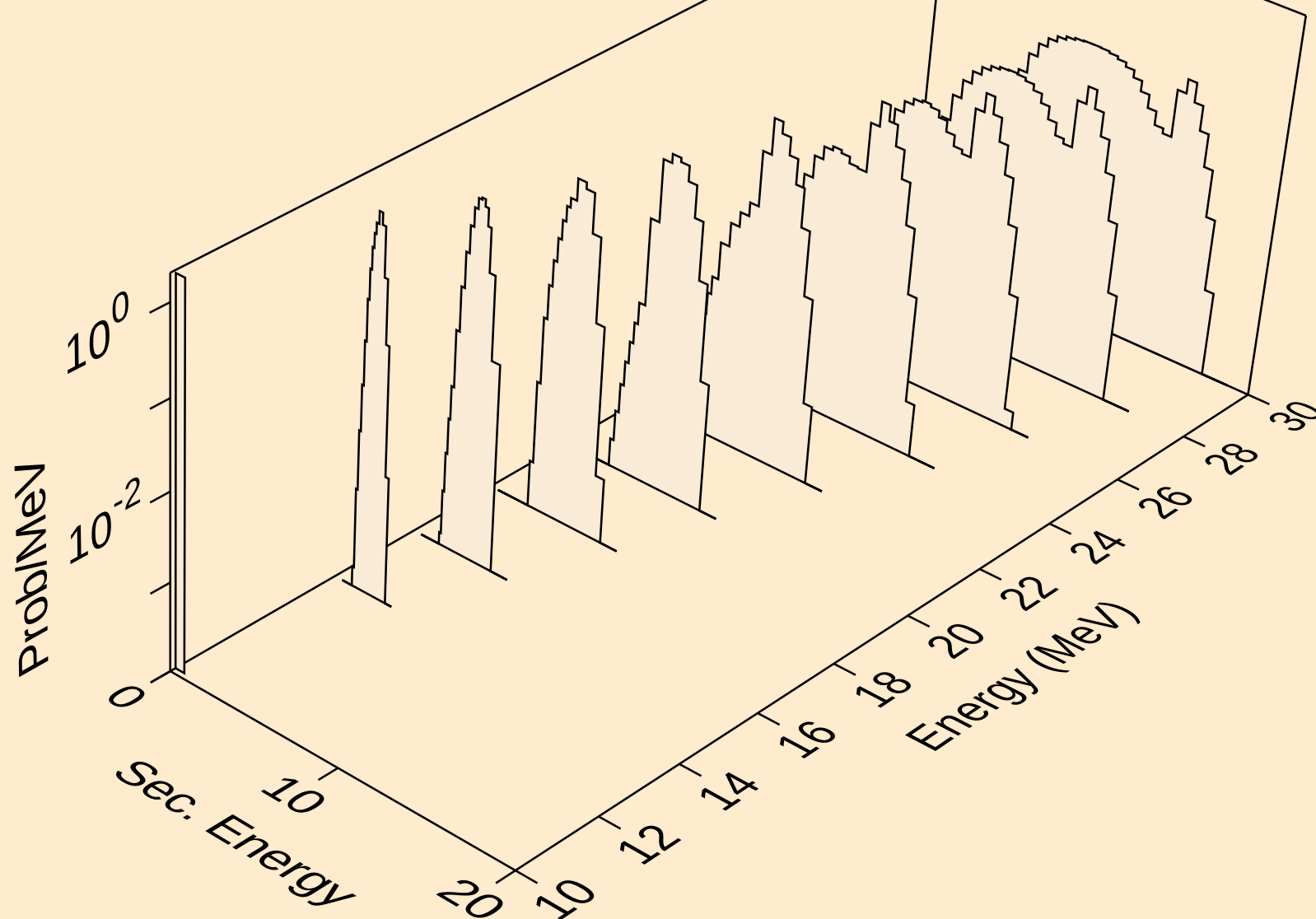
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deuterons from (n,n\*)d



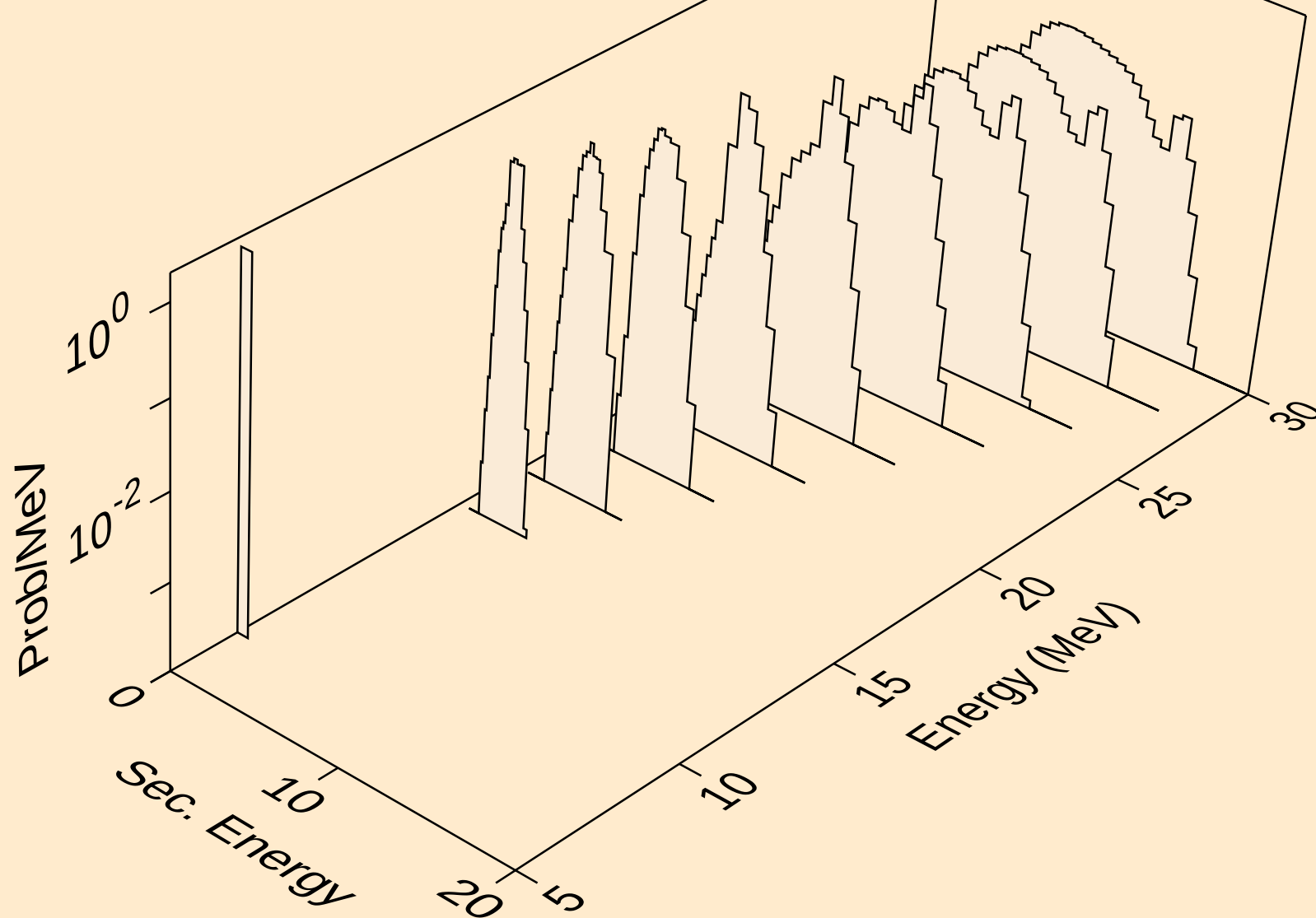
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deuterons from (n,d)



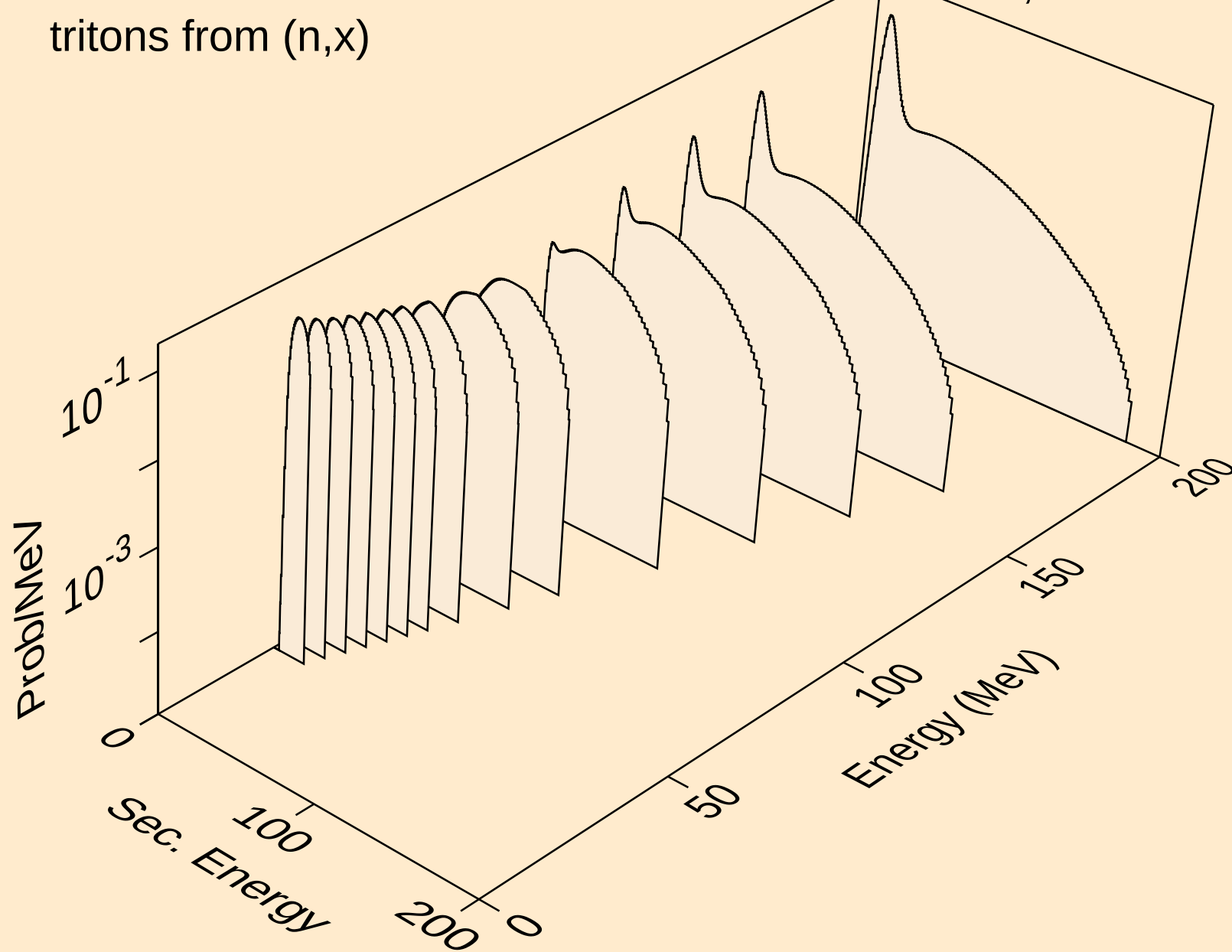
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deuterons from (n,pd)



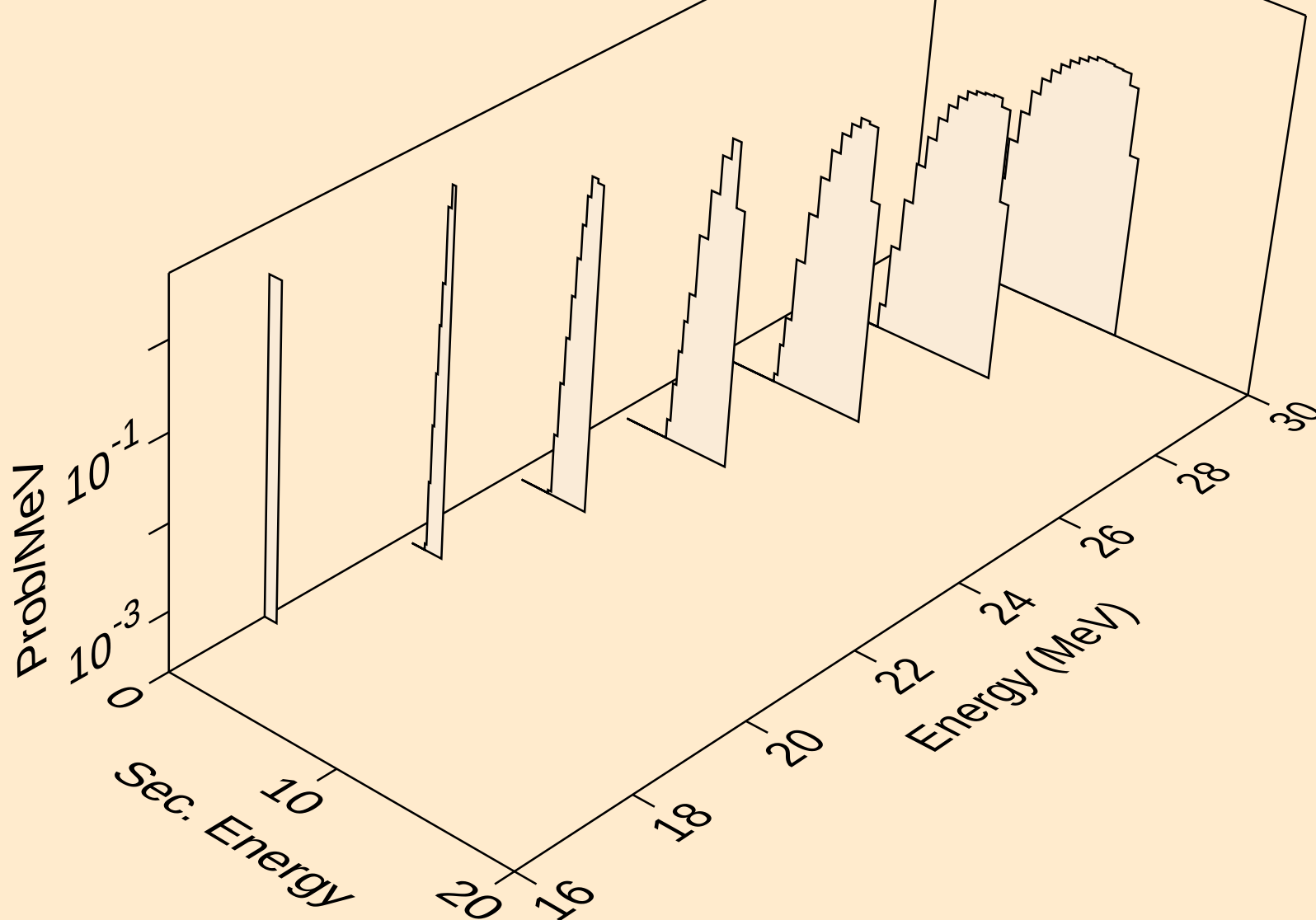
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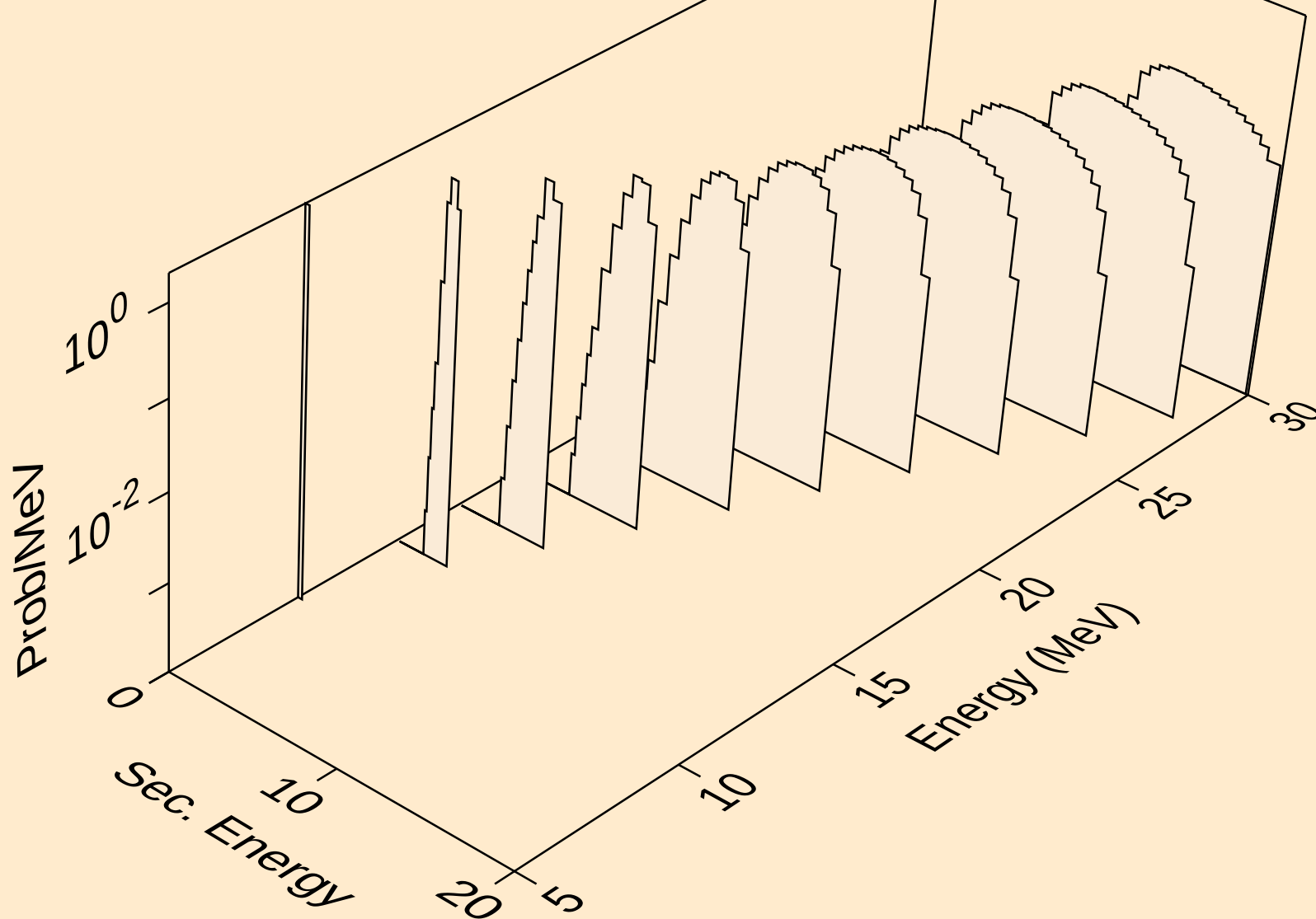
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tritons from (n,x)



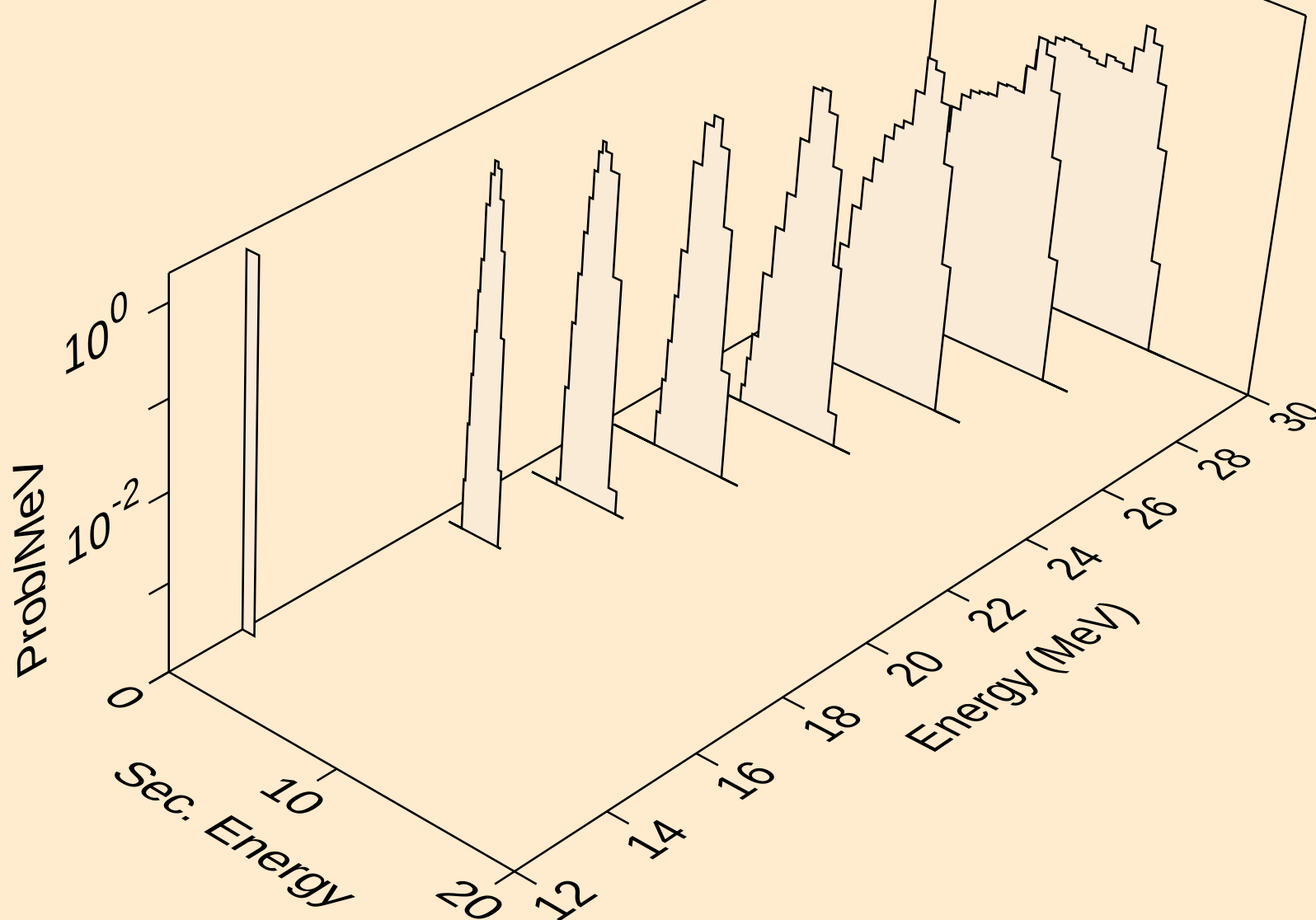
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tritons from (n,n\*)t



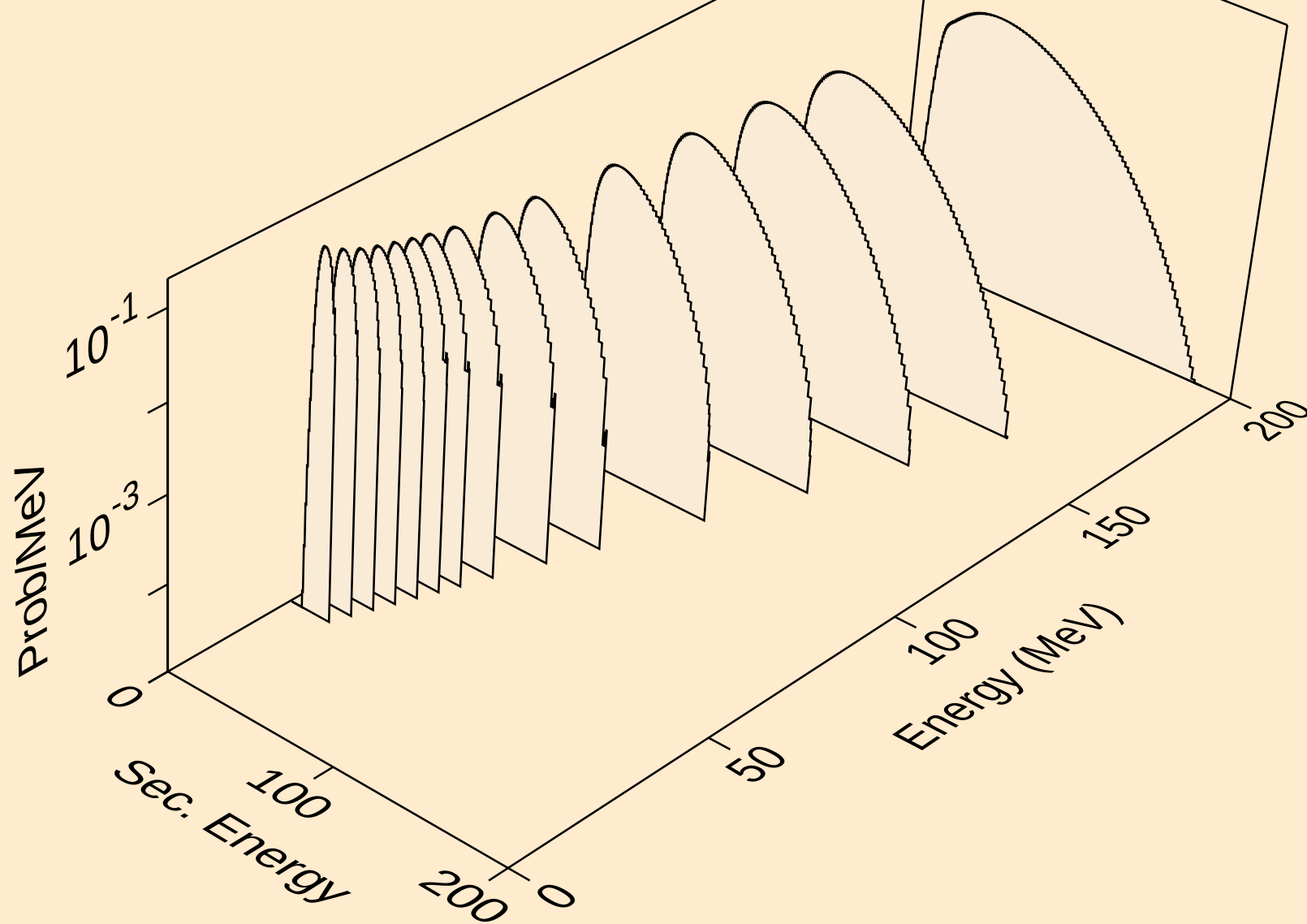
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tritons from (n,t)



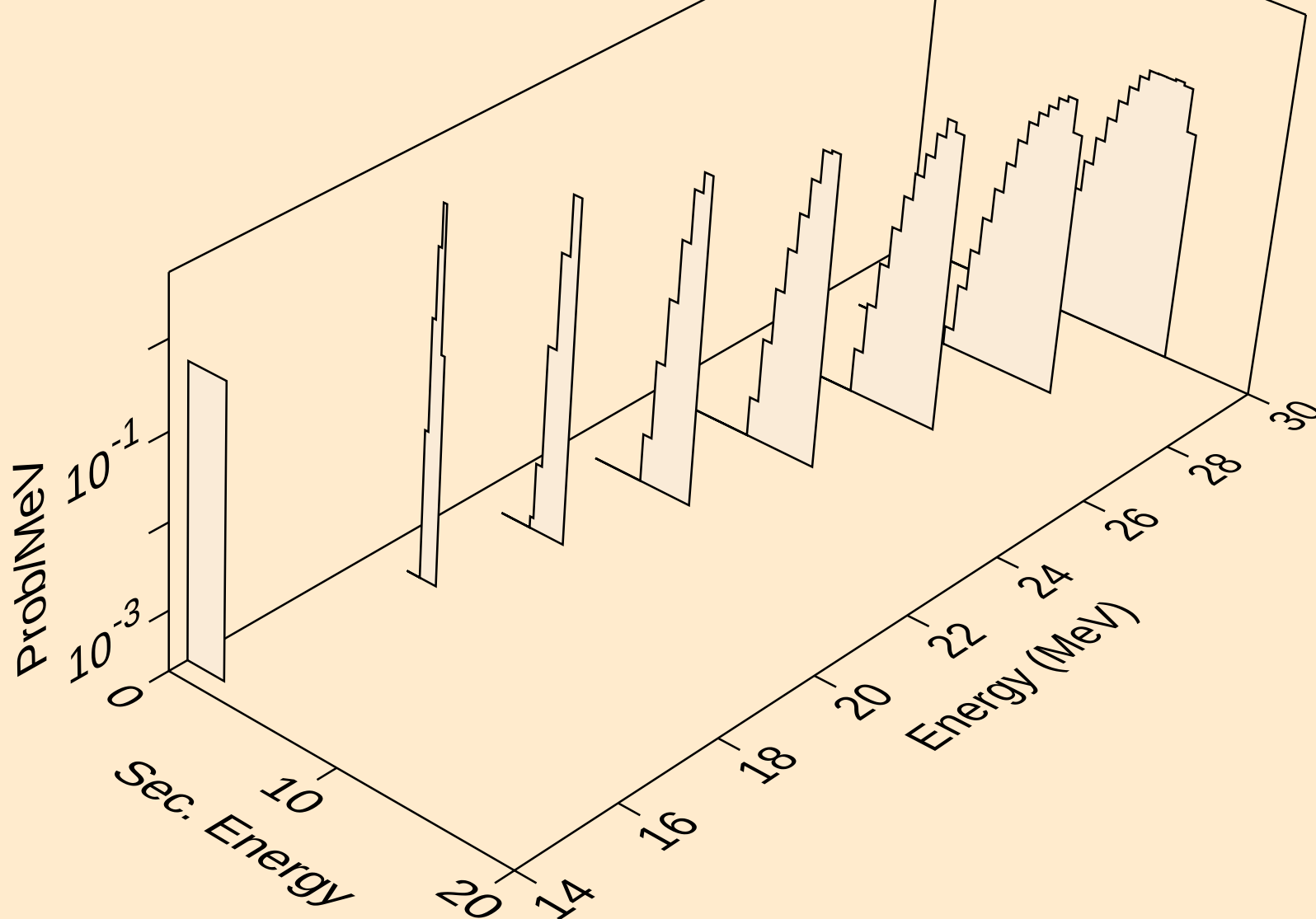
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tritons from (n,pt)



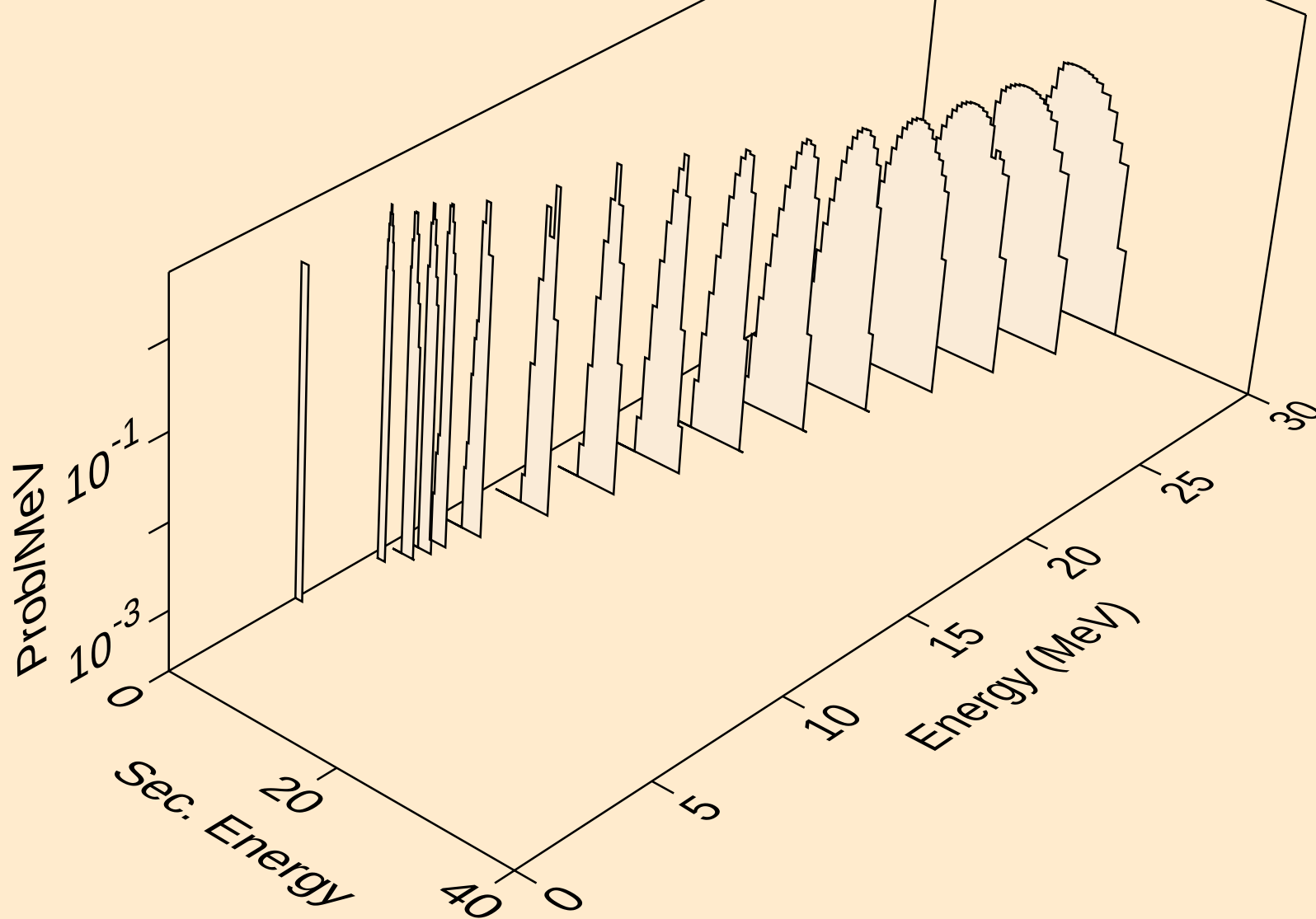
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he3s from (n,x)



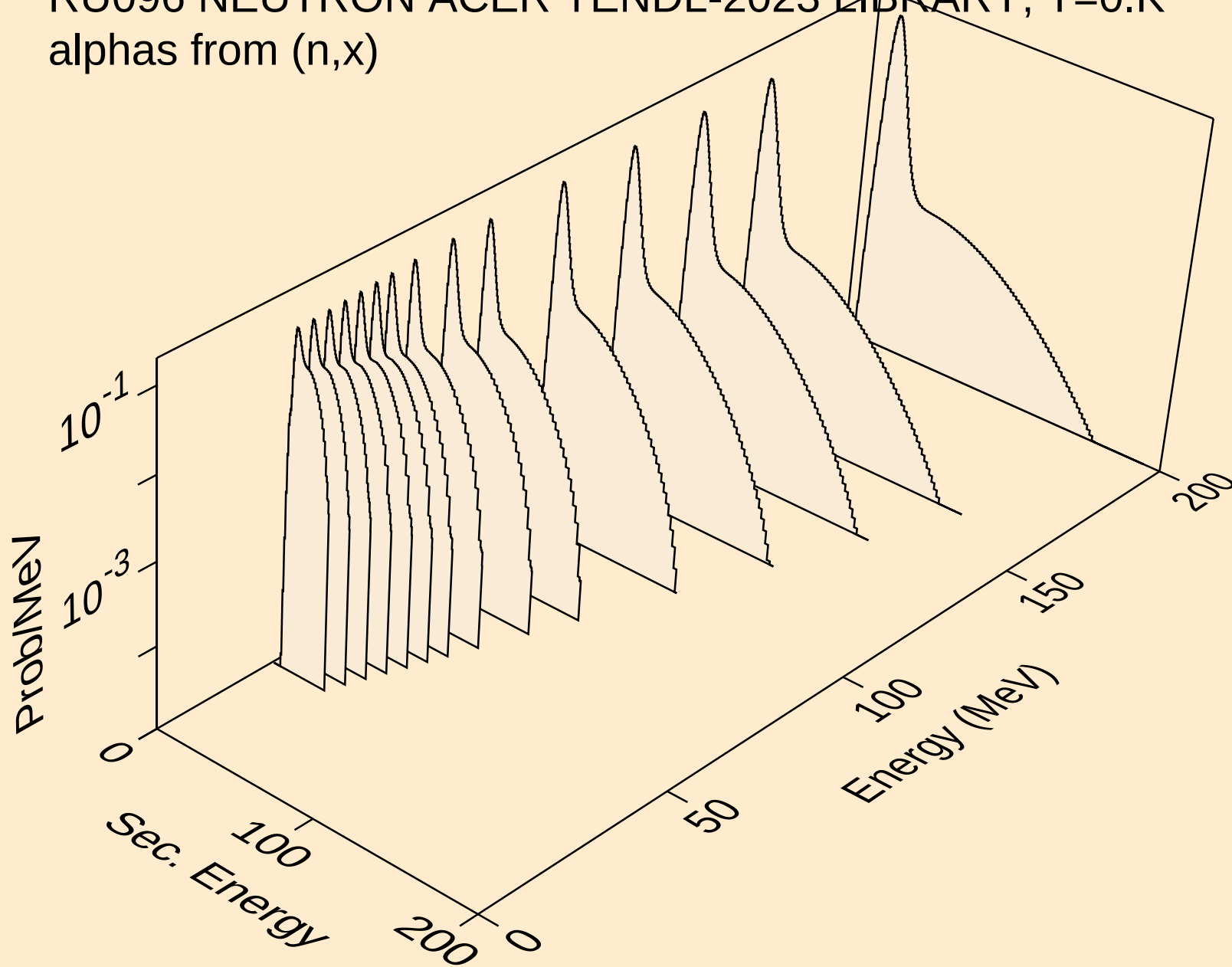
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he3s from (n,n\*)he3



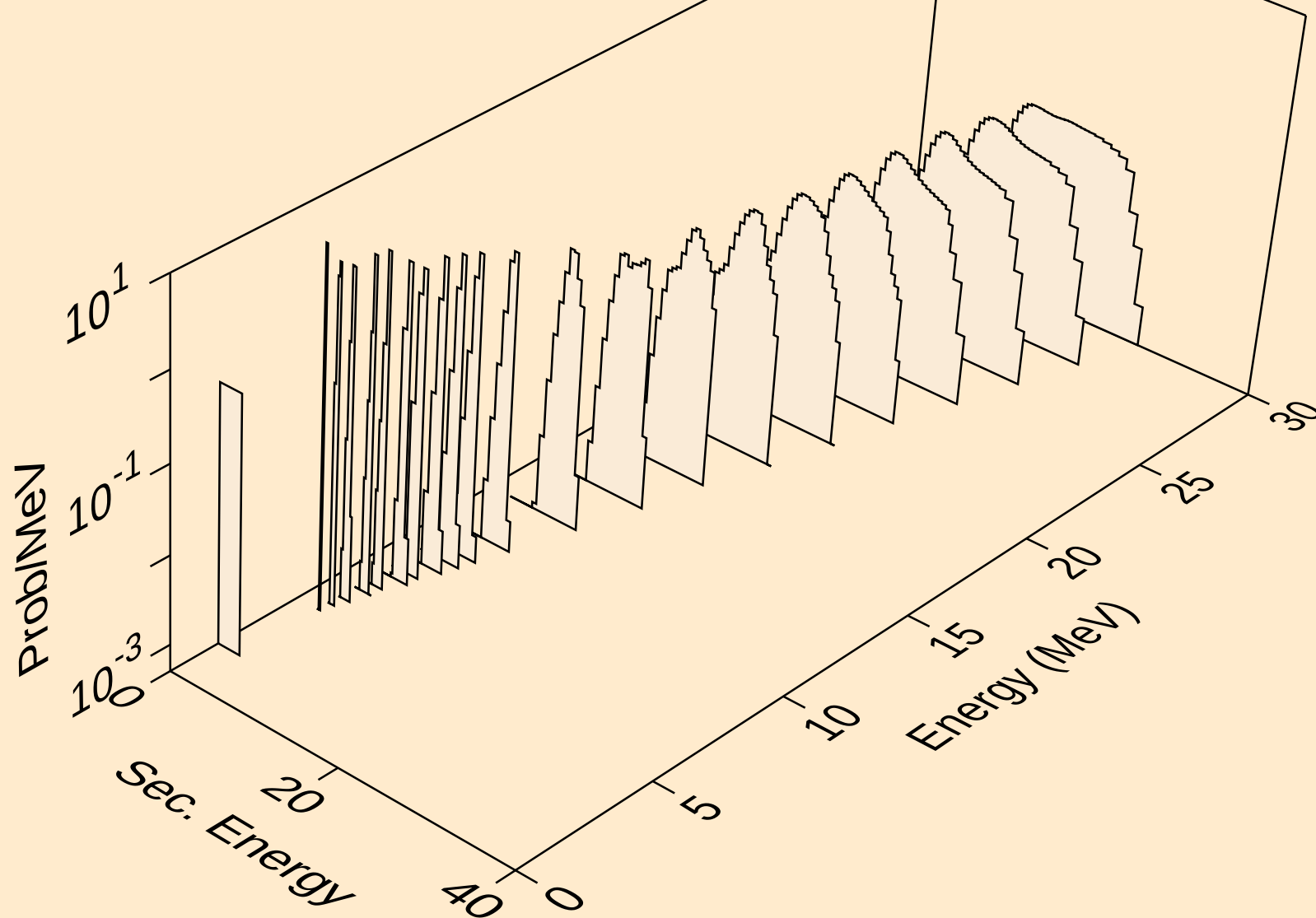
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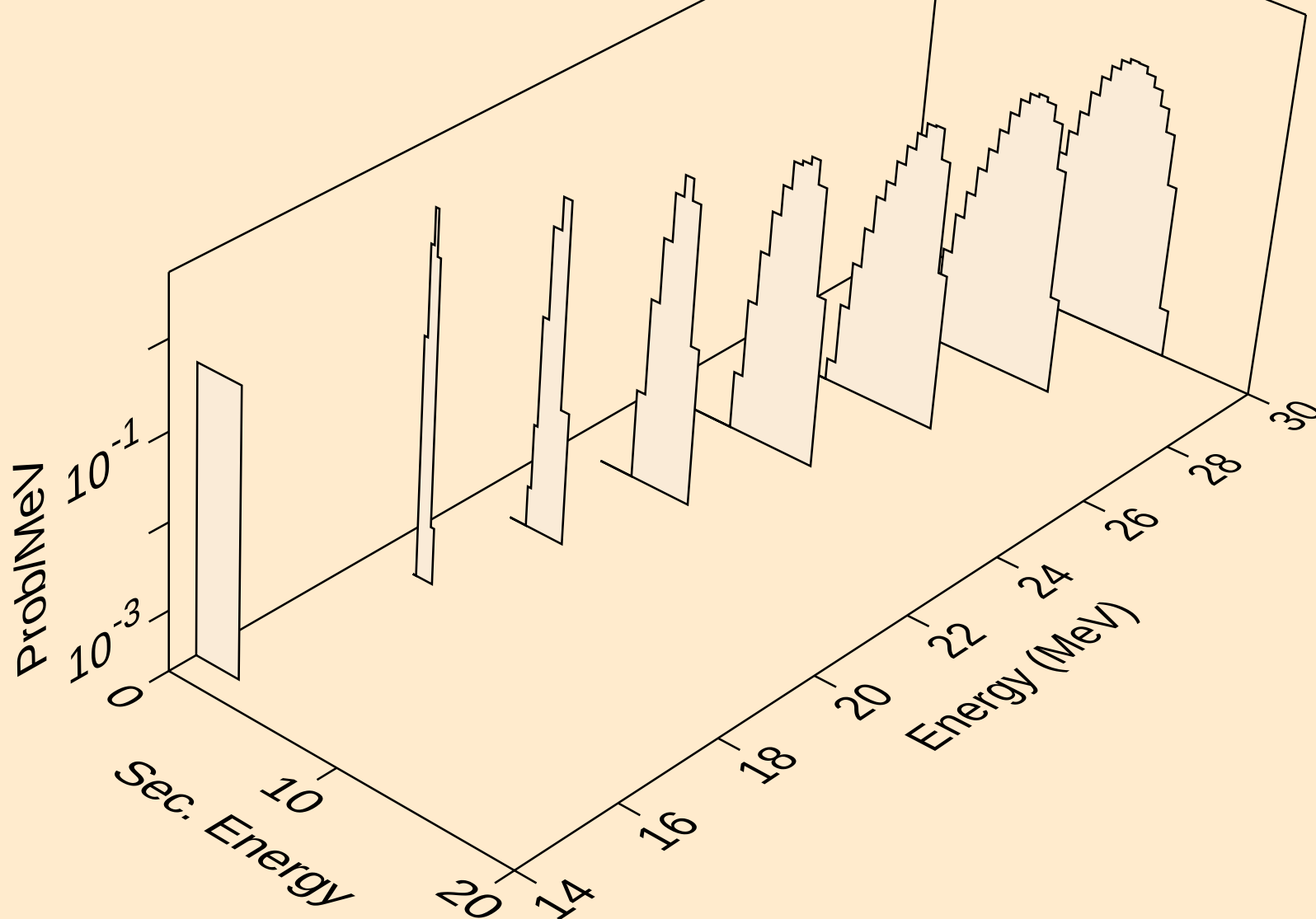
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



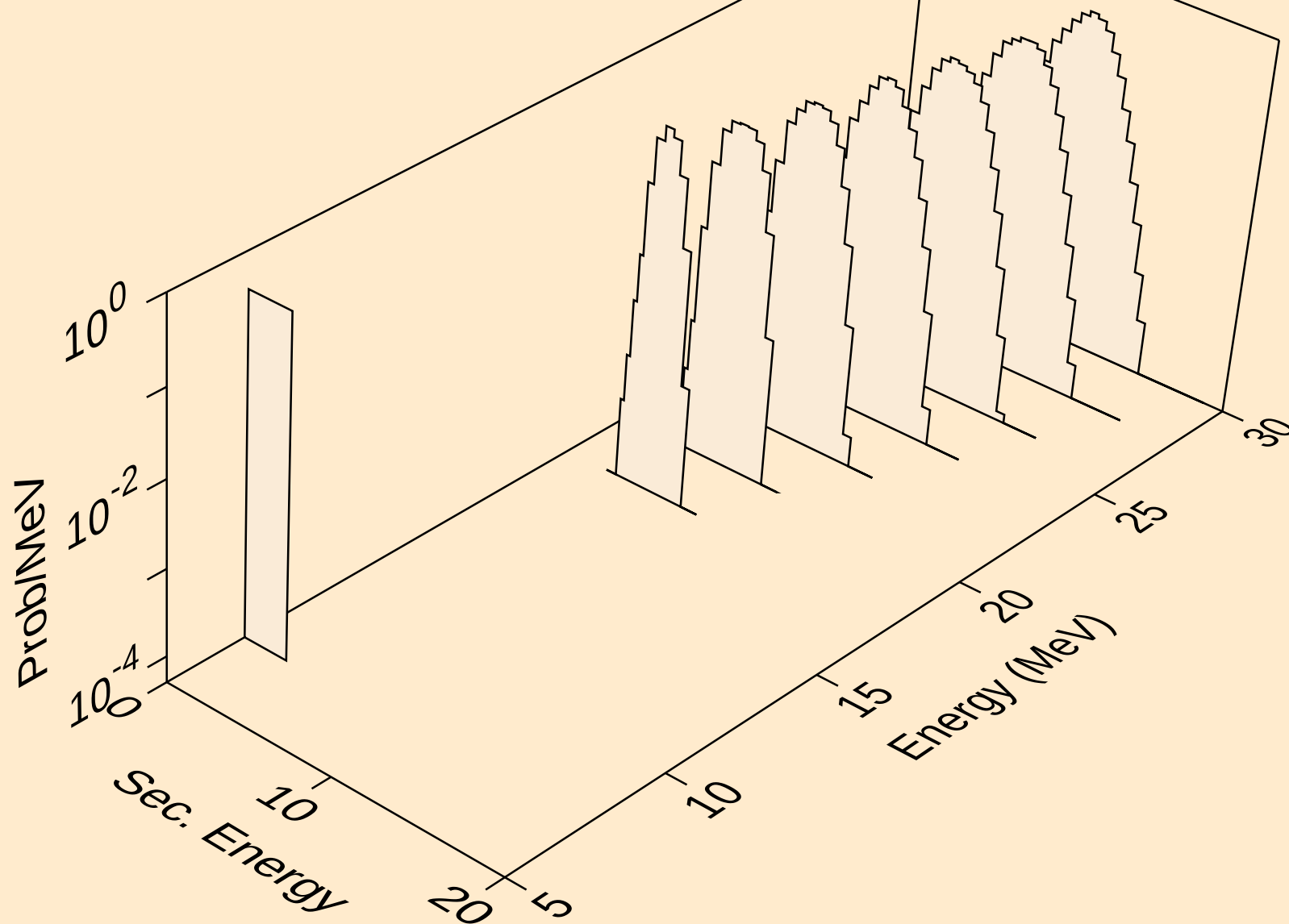
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



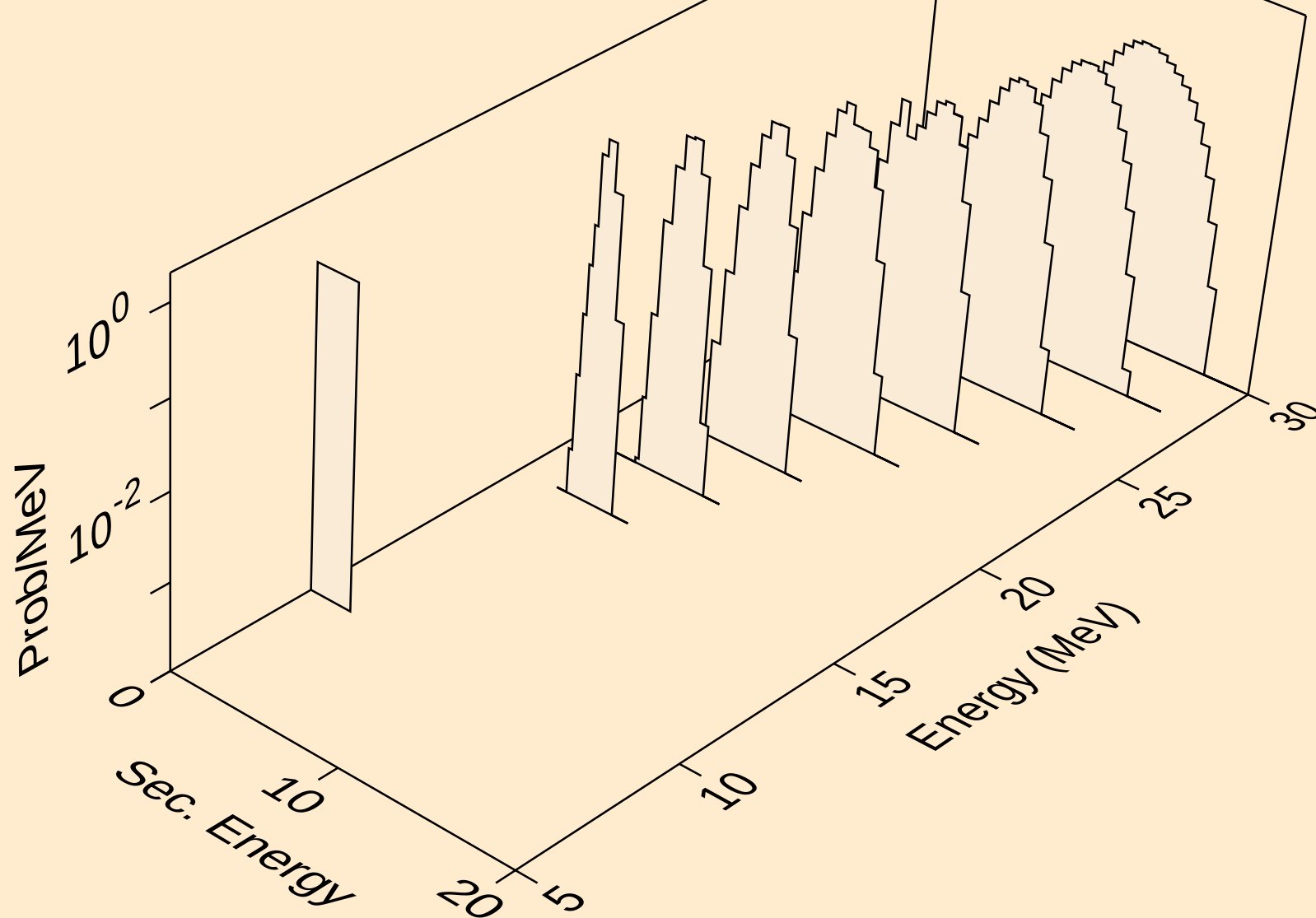
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



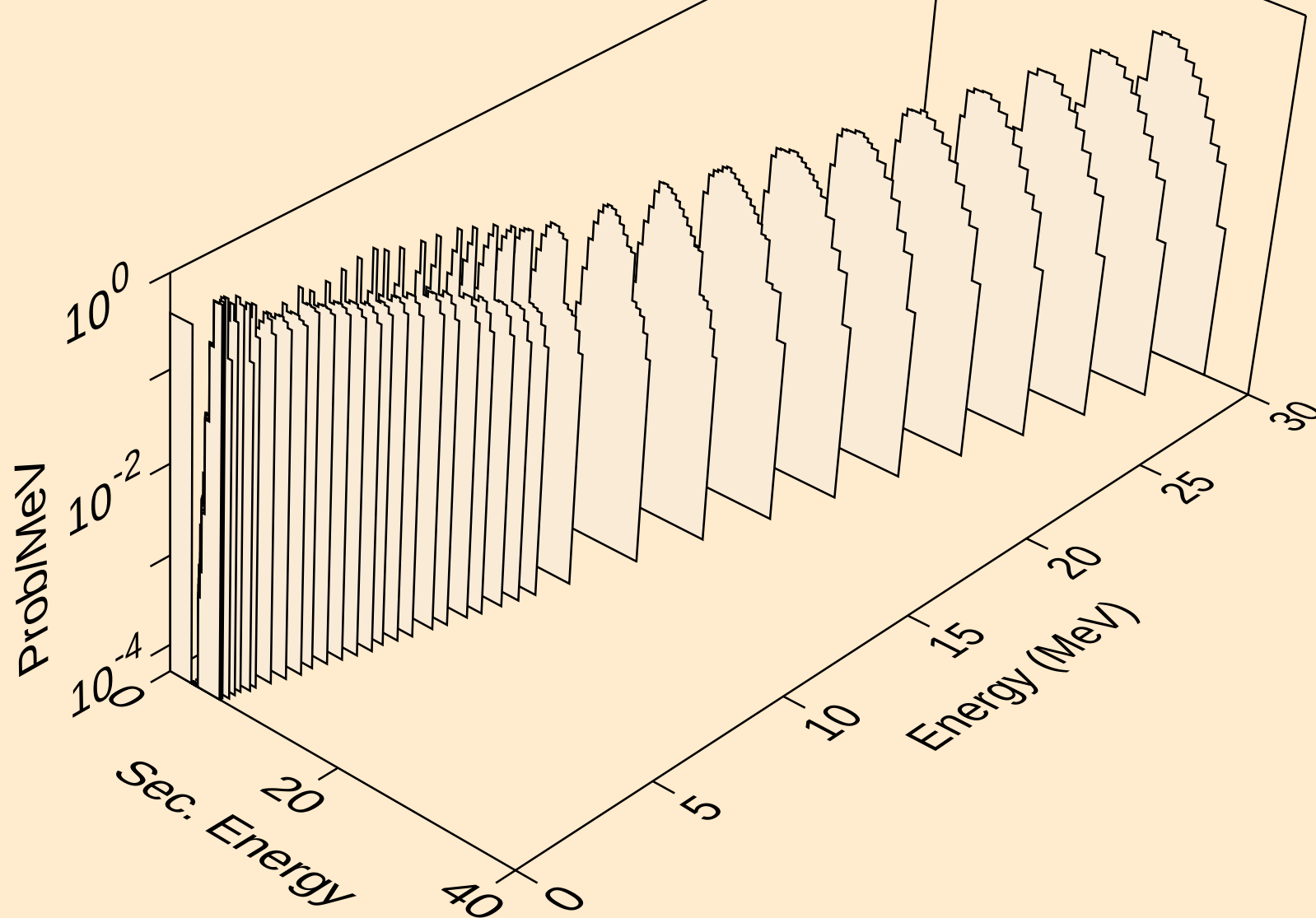
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a



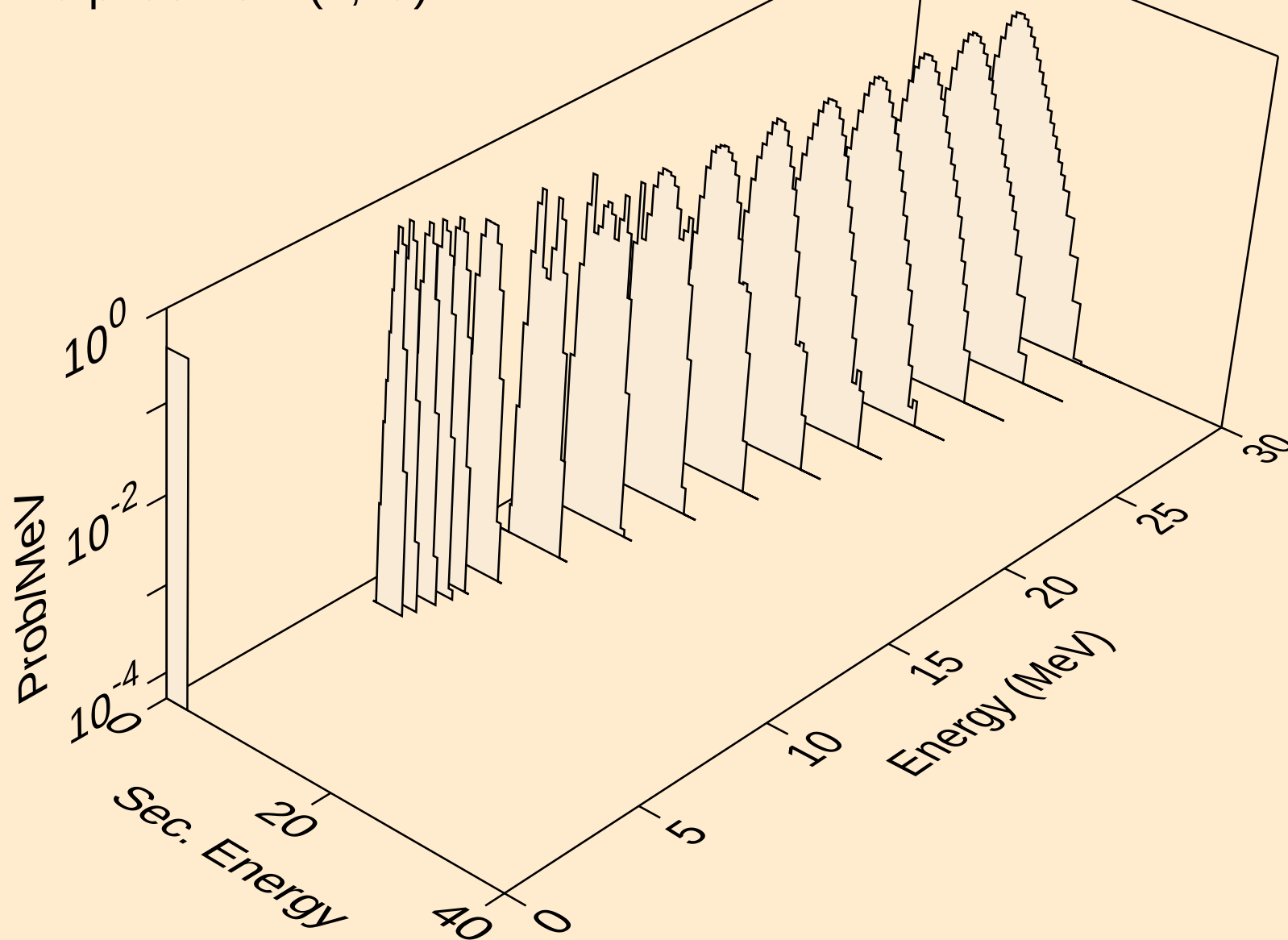
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



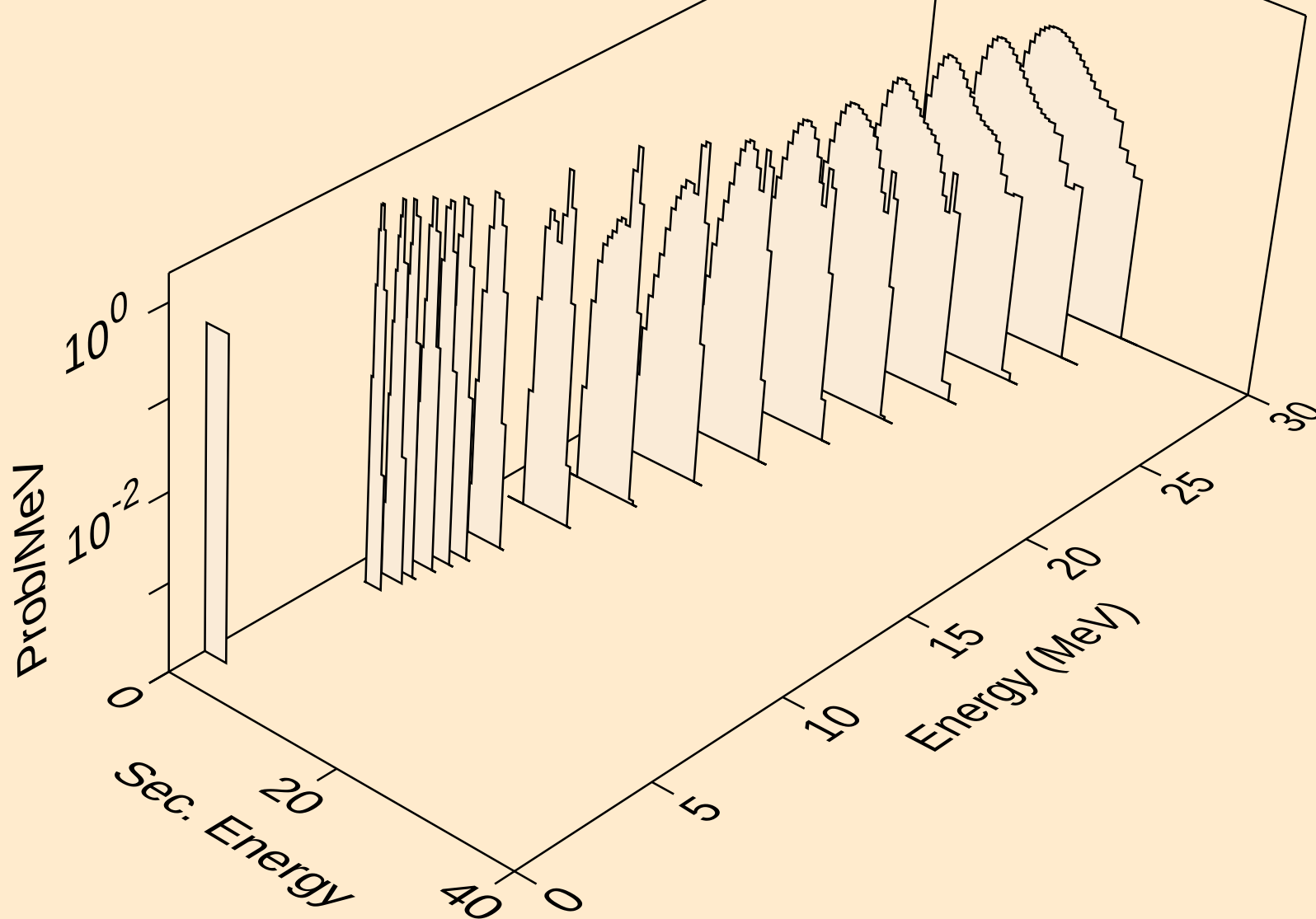
RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,p $\alpha$ )



RU096 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

